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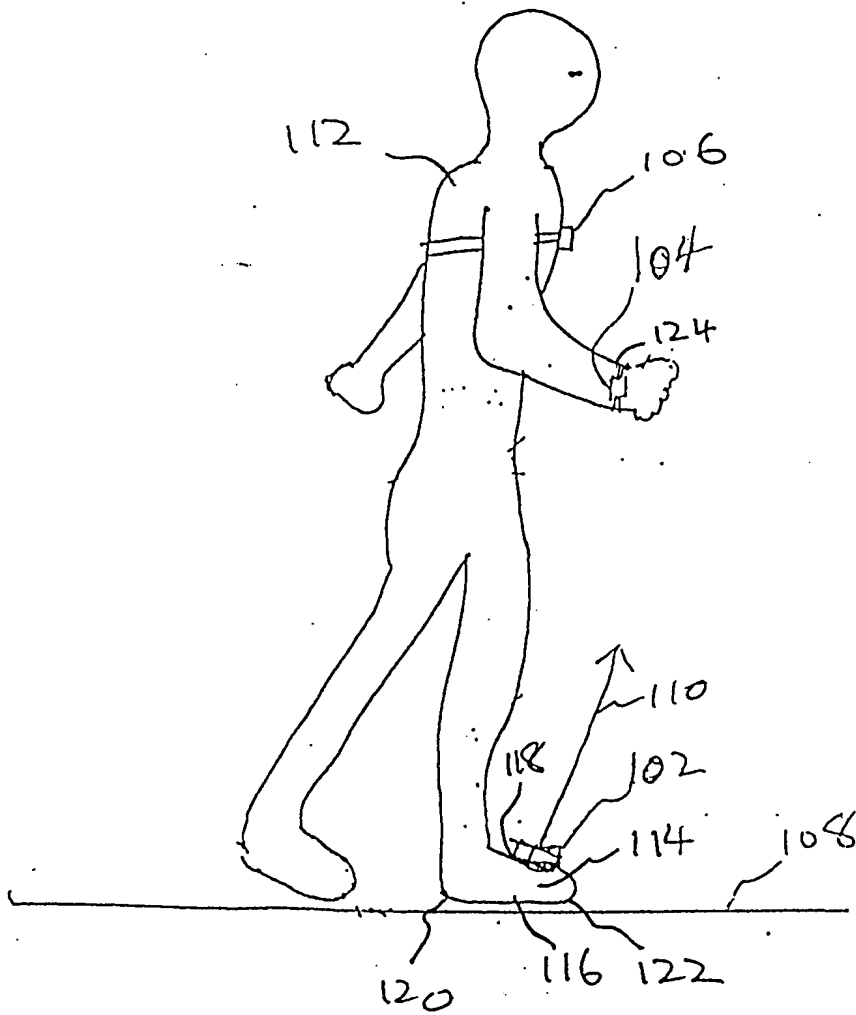


Fig. 1

007200-88741960

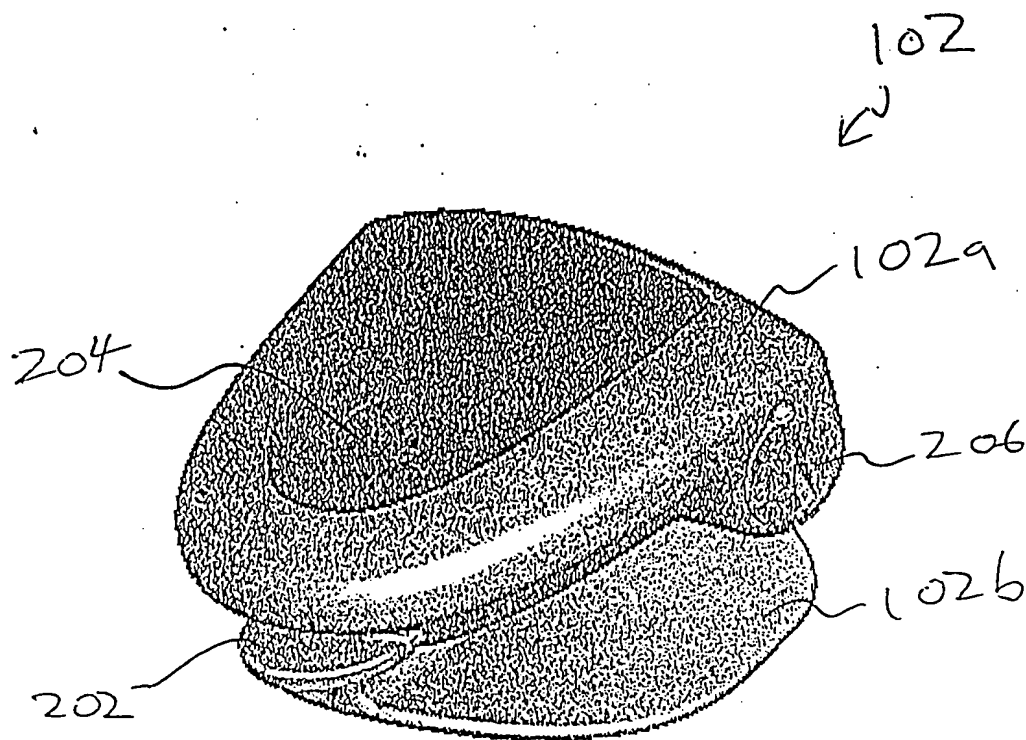


Fig. 2A

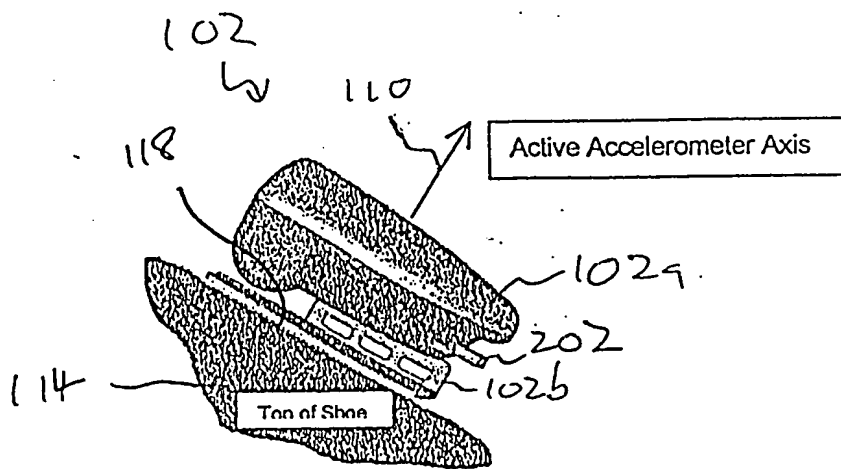


Fig. 2B

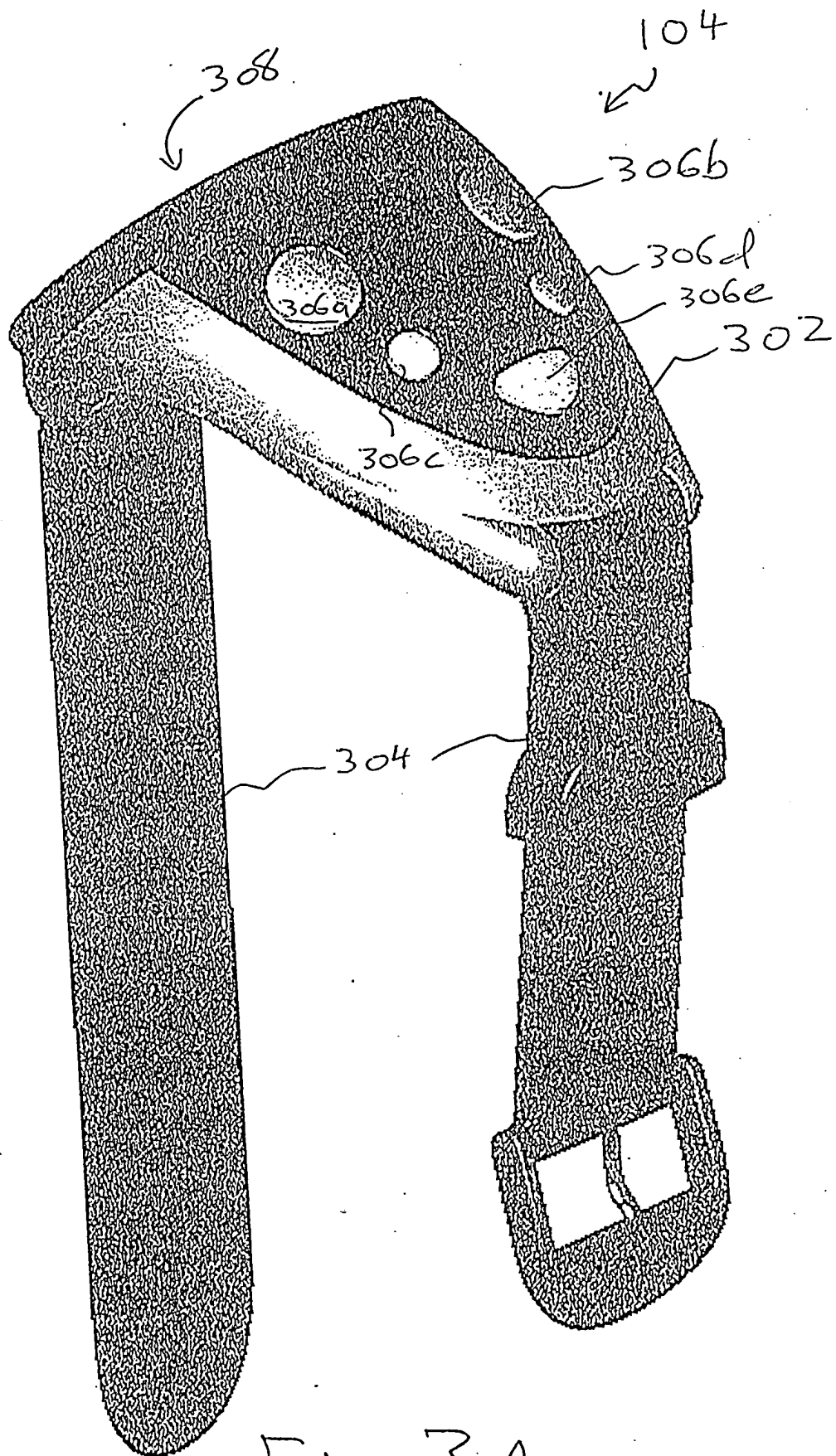


Fig. 3A

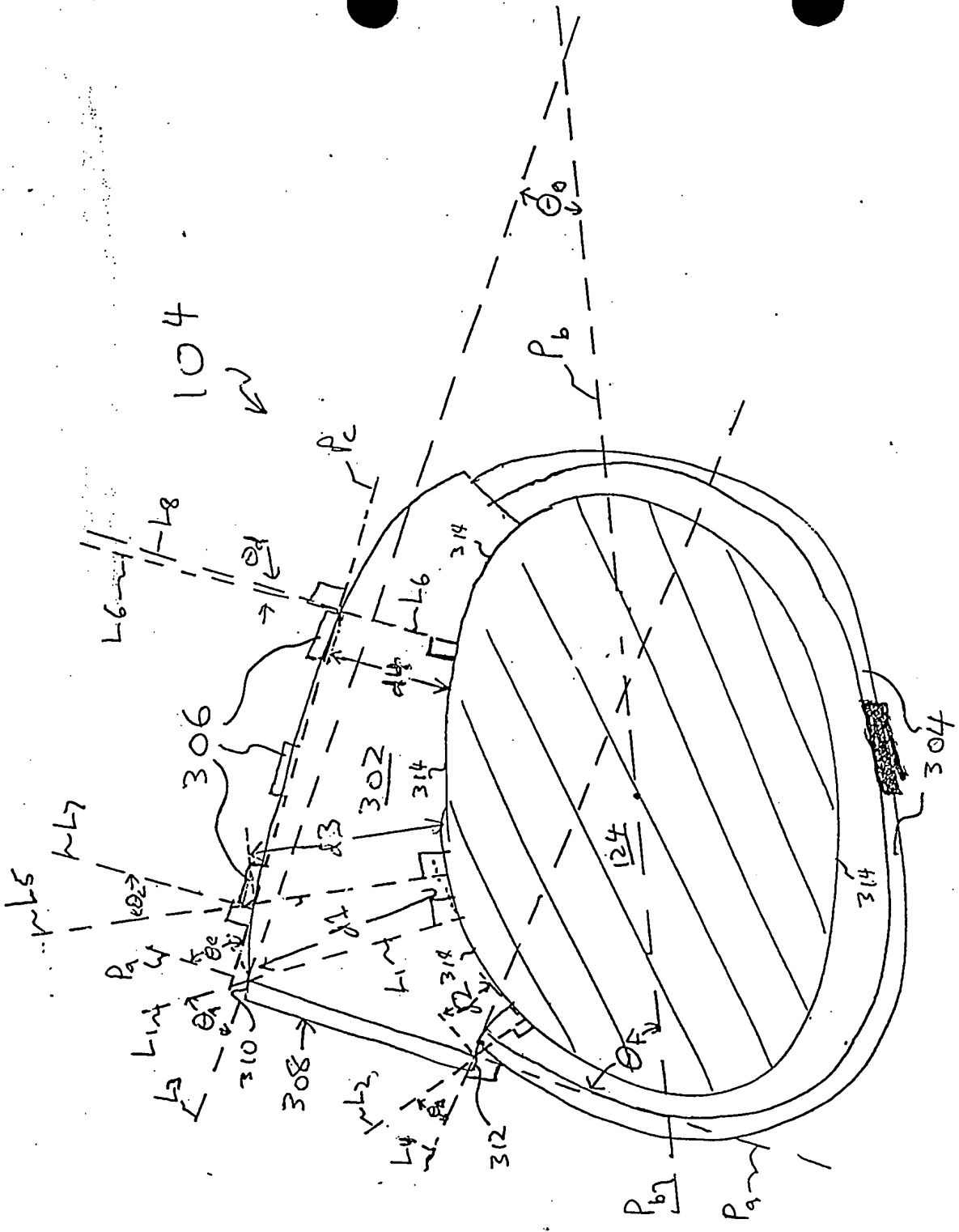
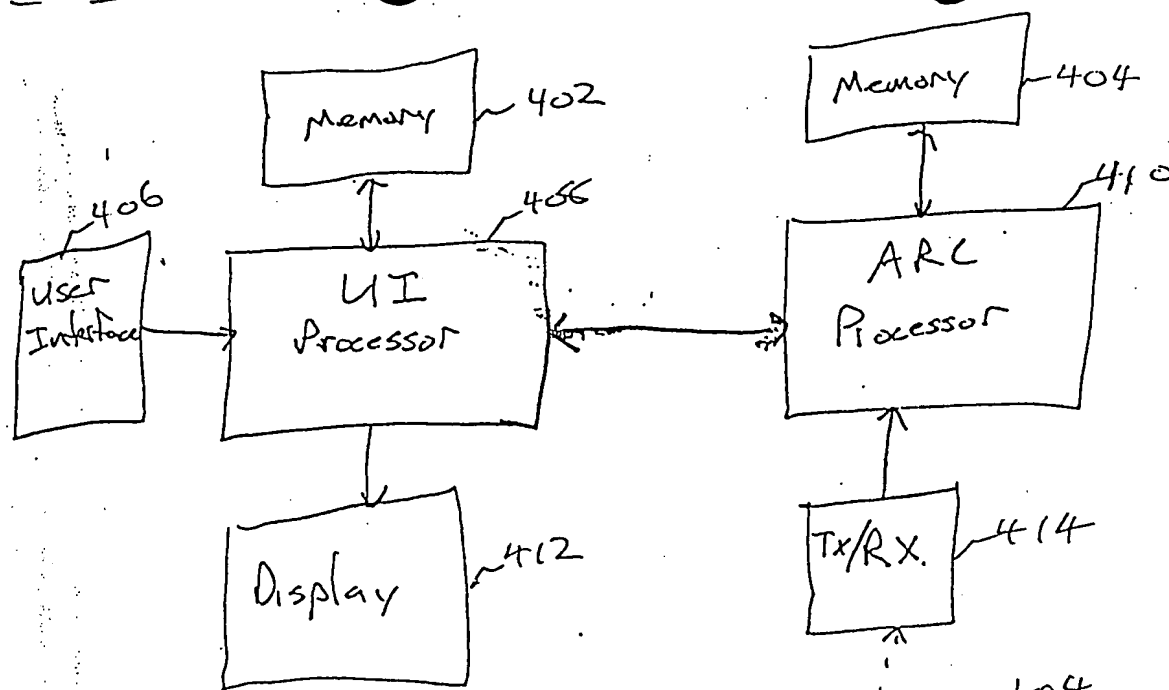
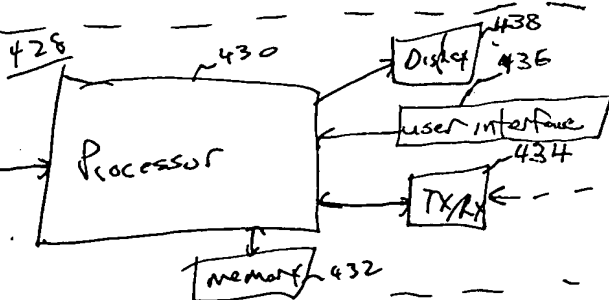


Fig. 3B



104



102

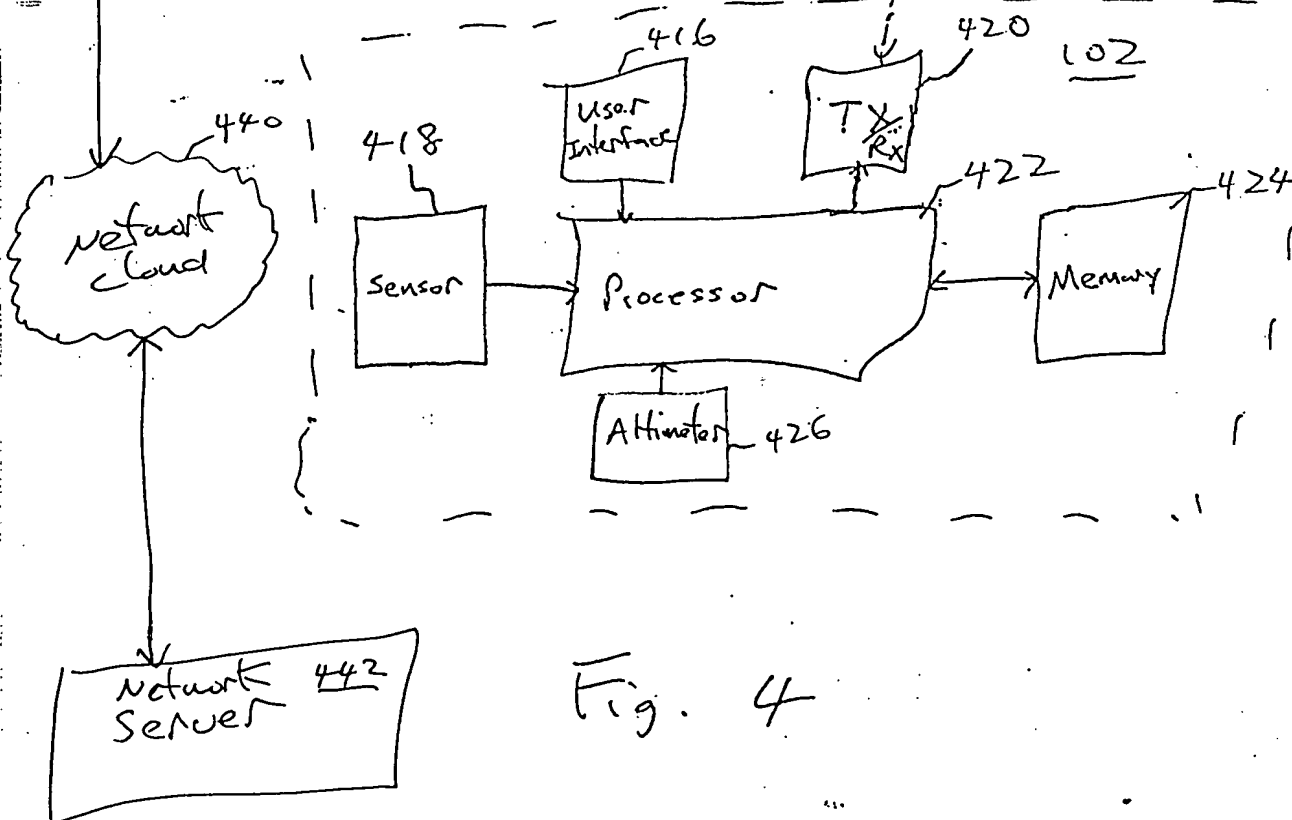


Fig. 4

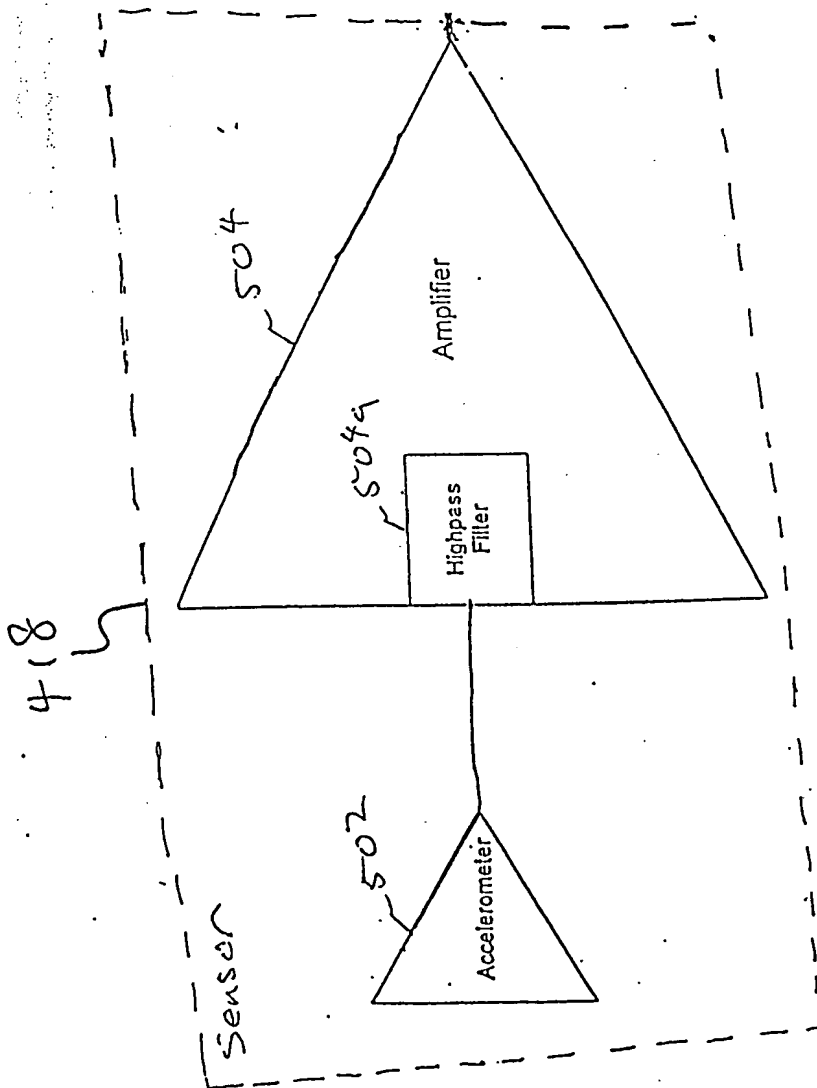


Fig. 5

418

Sensor

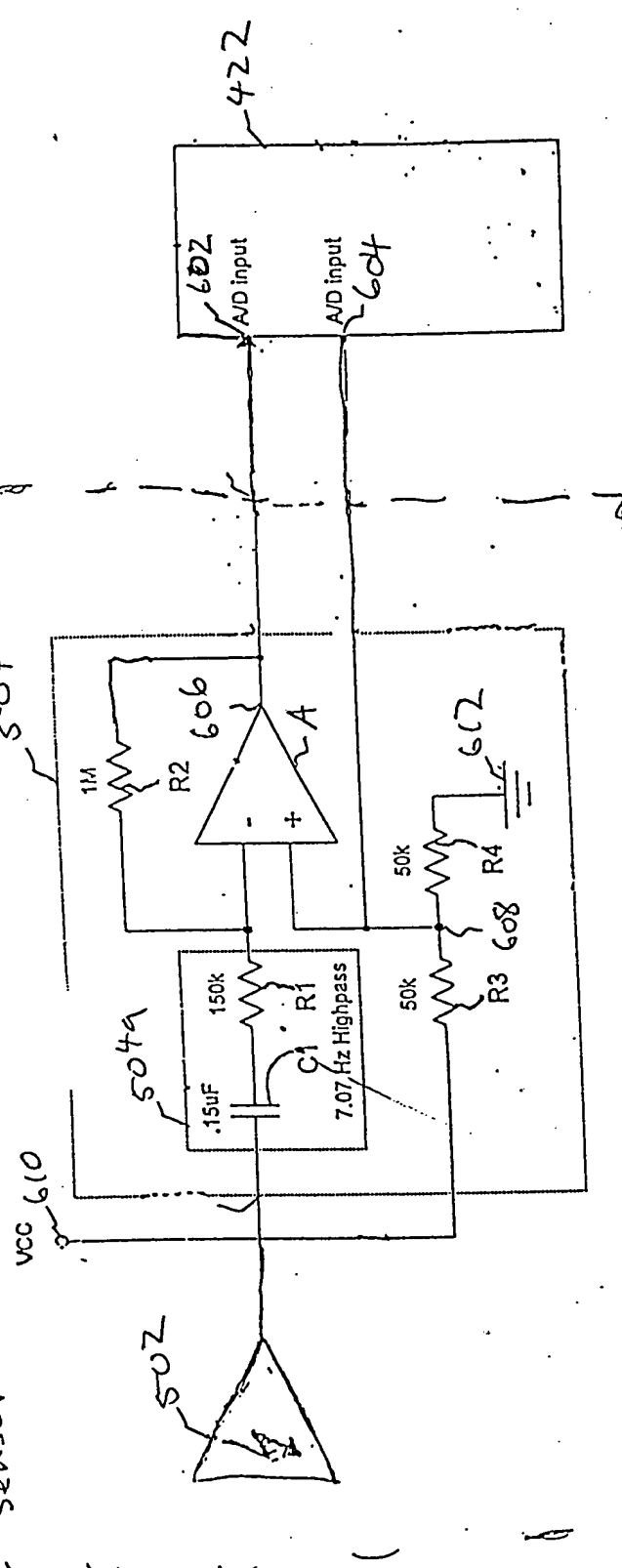


Fig. 6

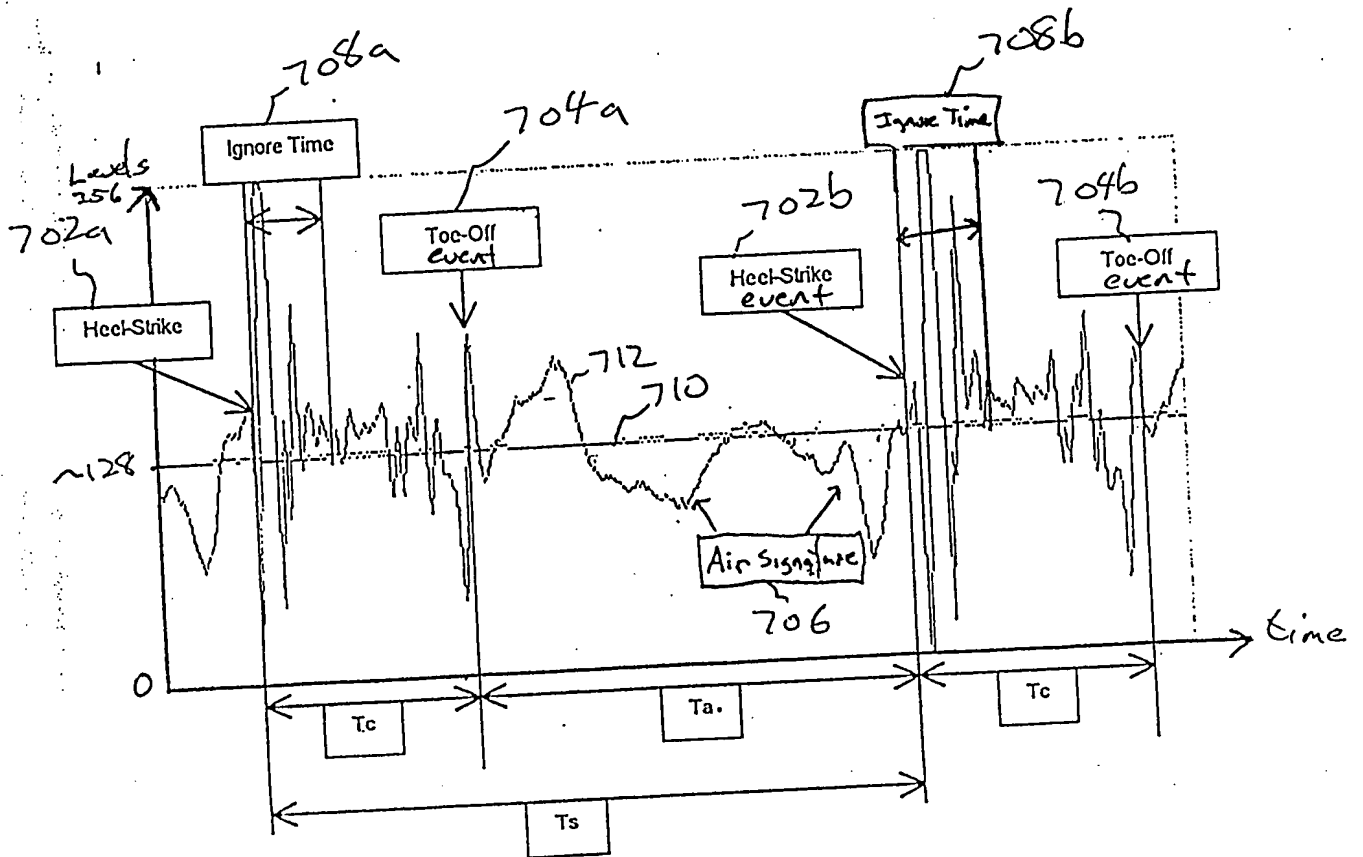


Fig. 7

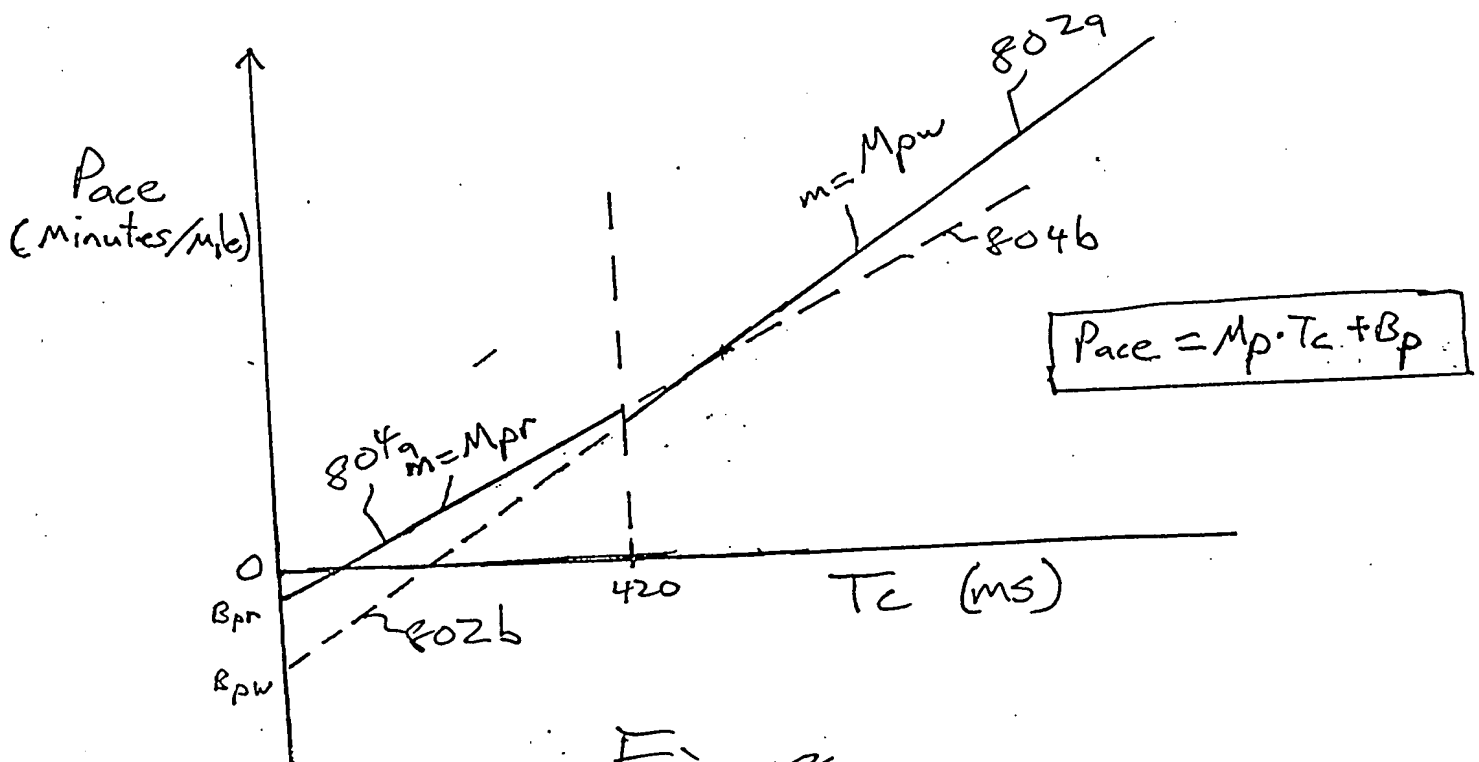


Fig. 8

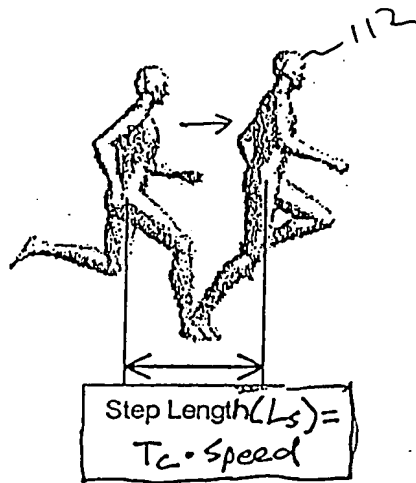


Fig. 9

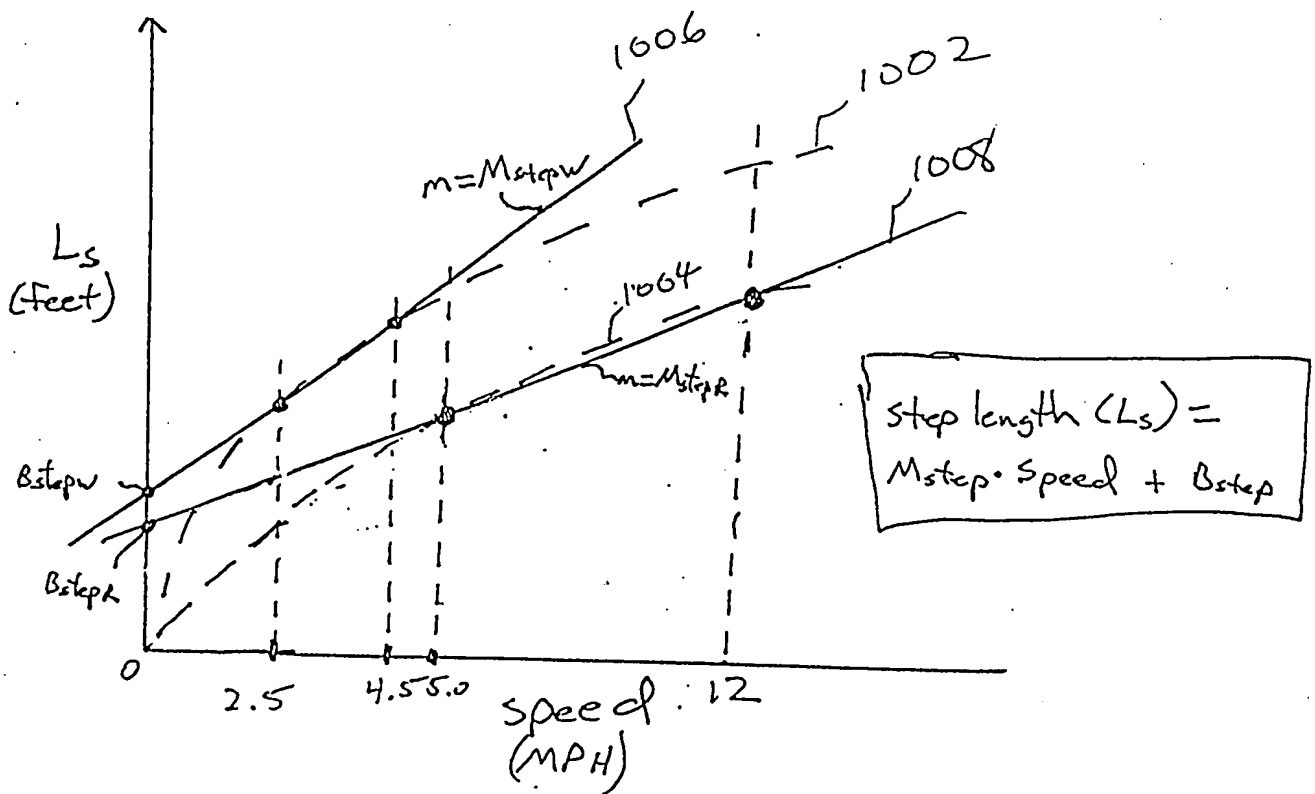


Fig. 10

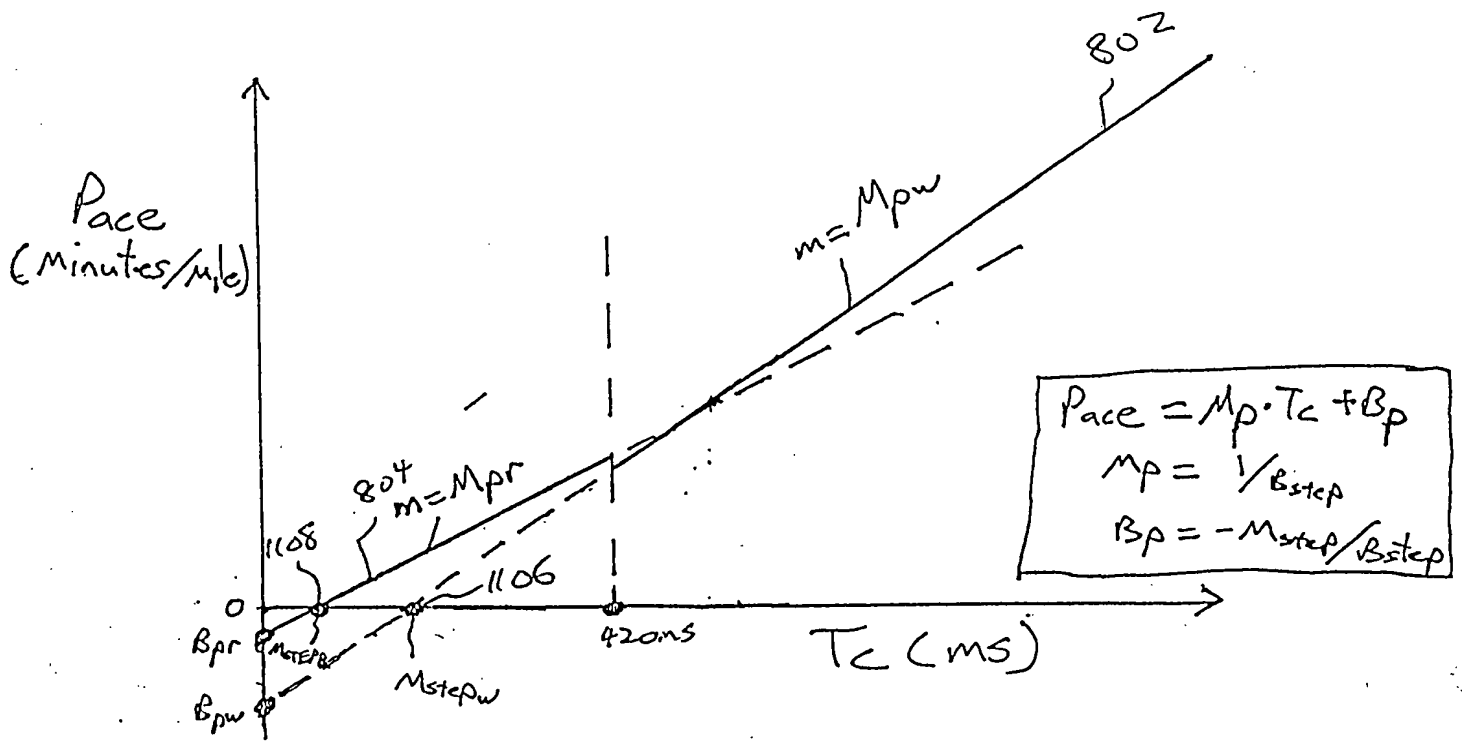


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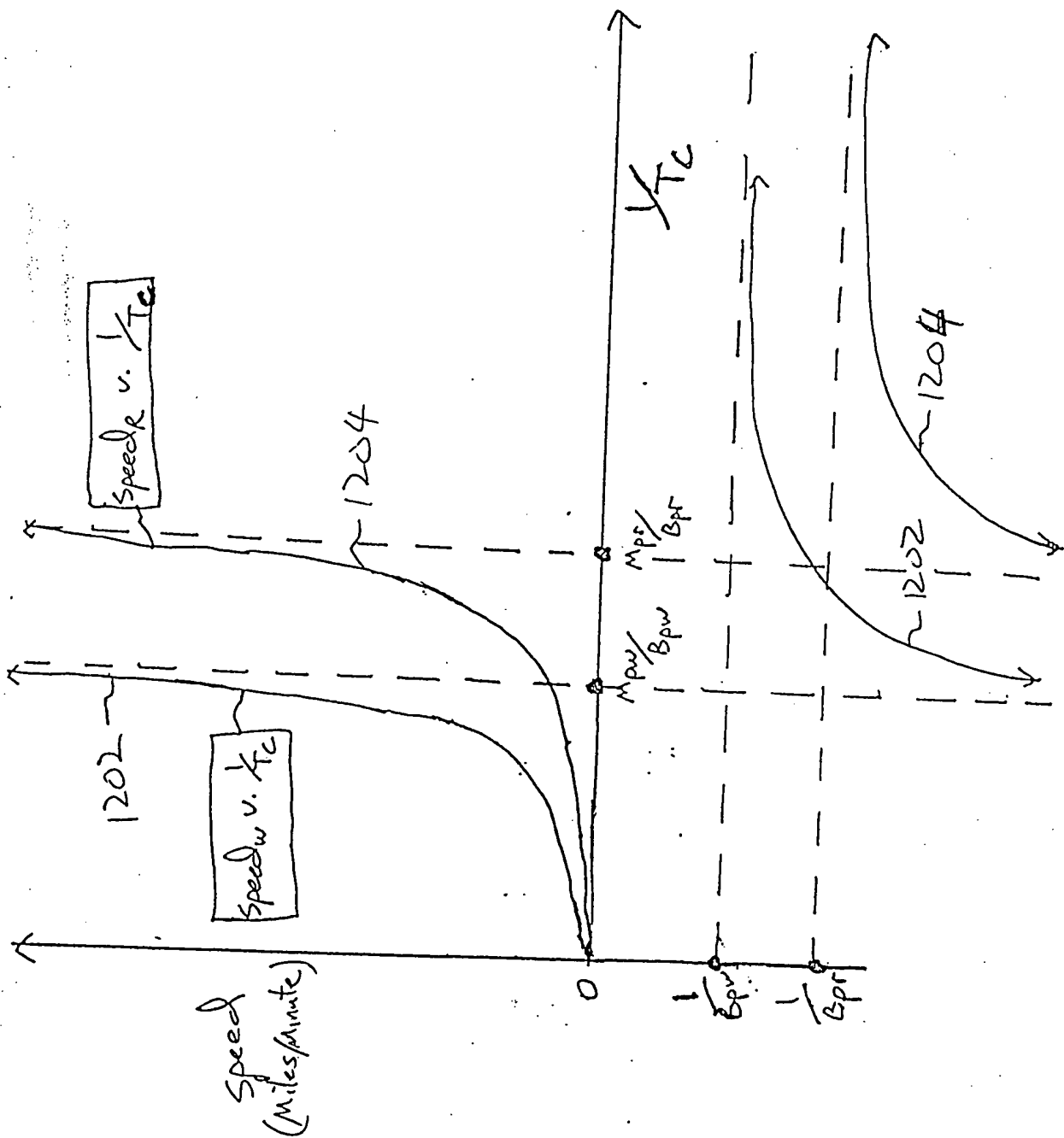


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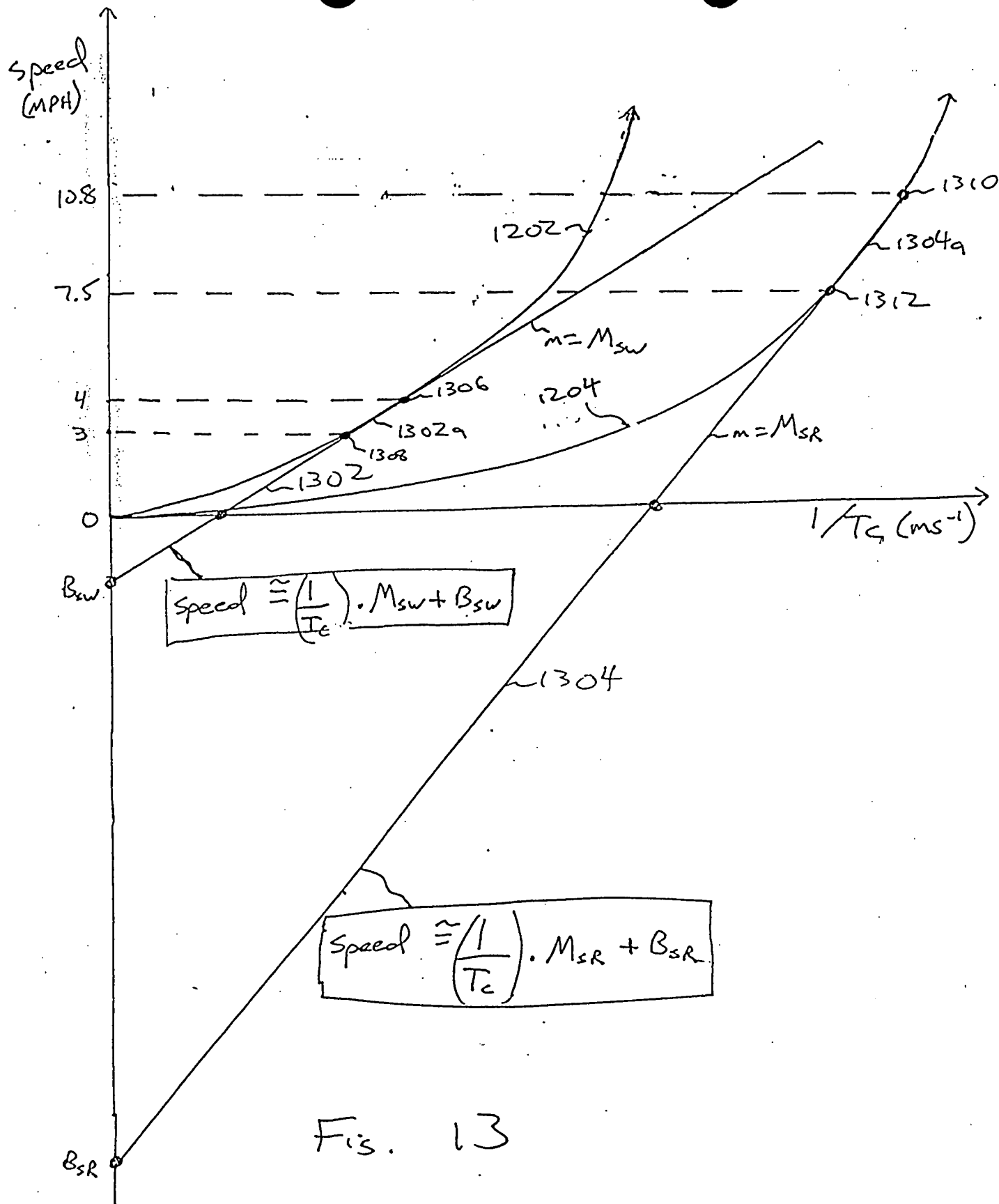


Fig. 13

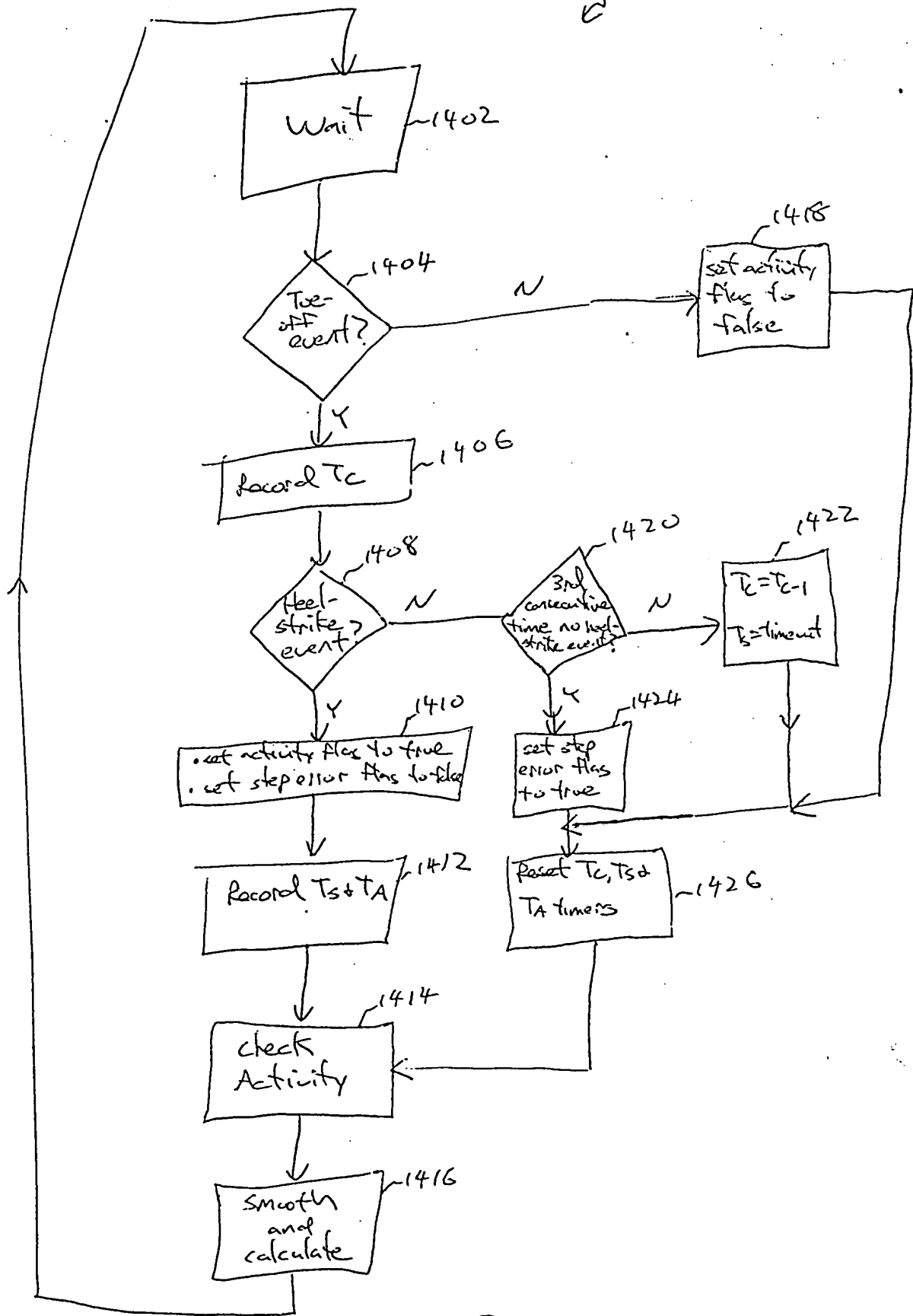


Fig. 14

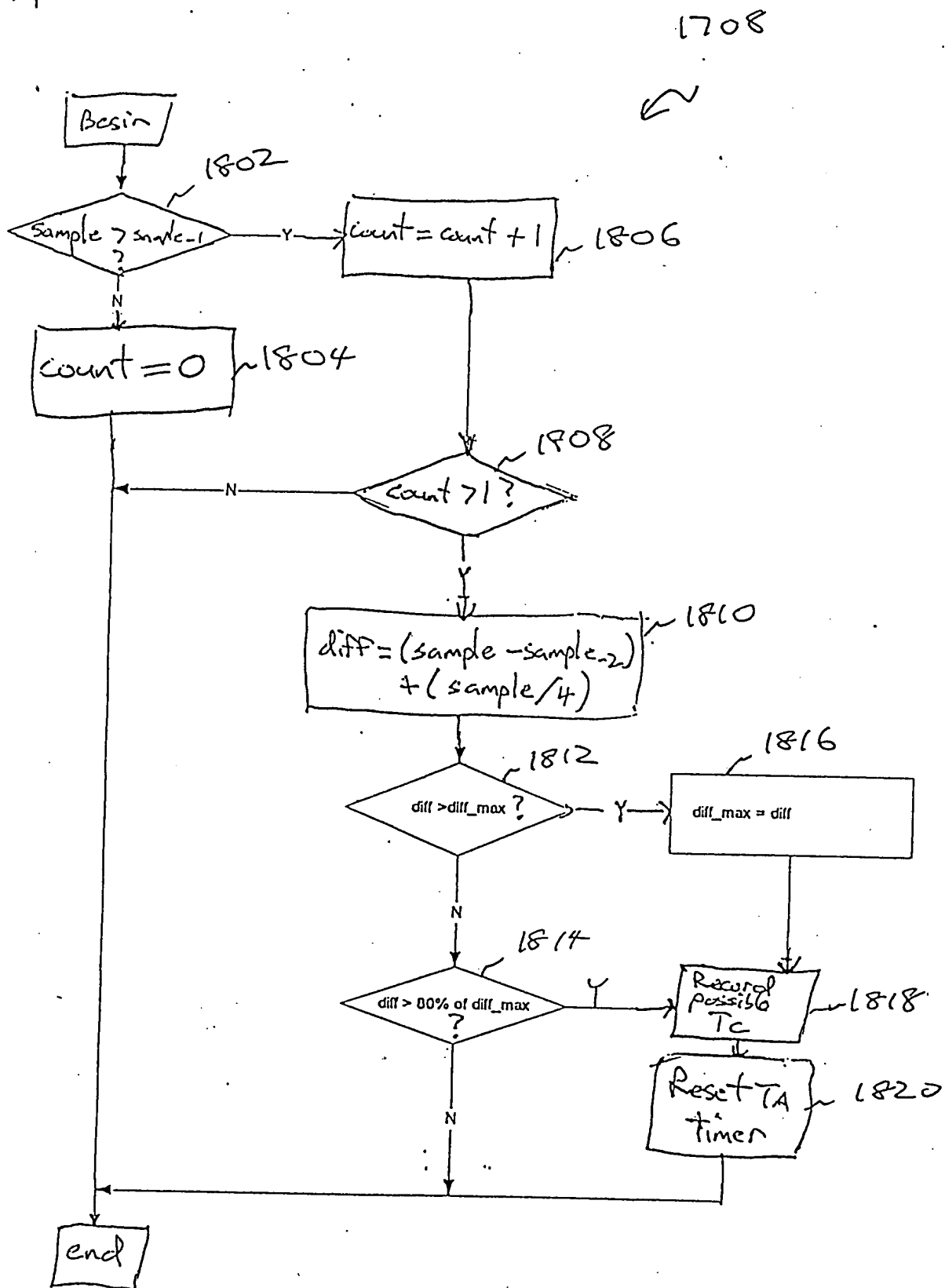
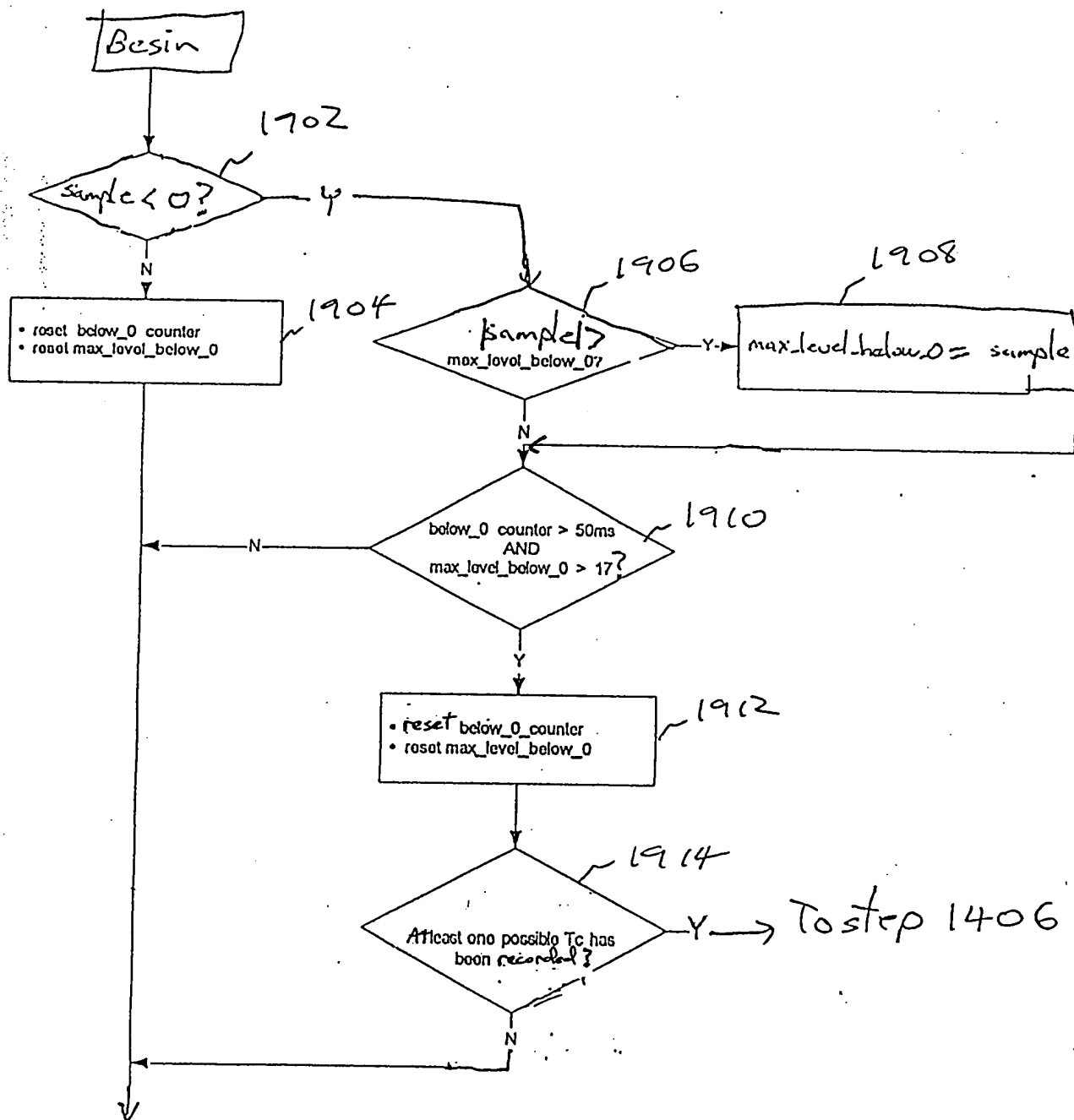


Fig. 18



To routine 1506

Fig. 19

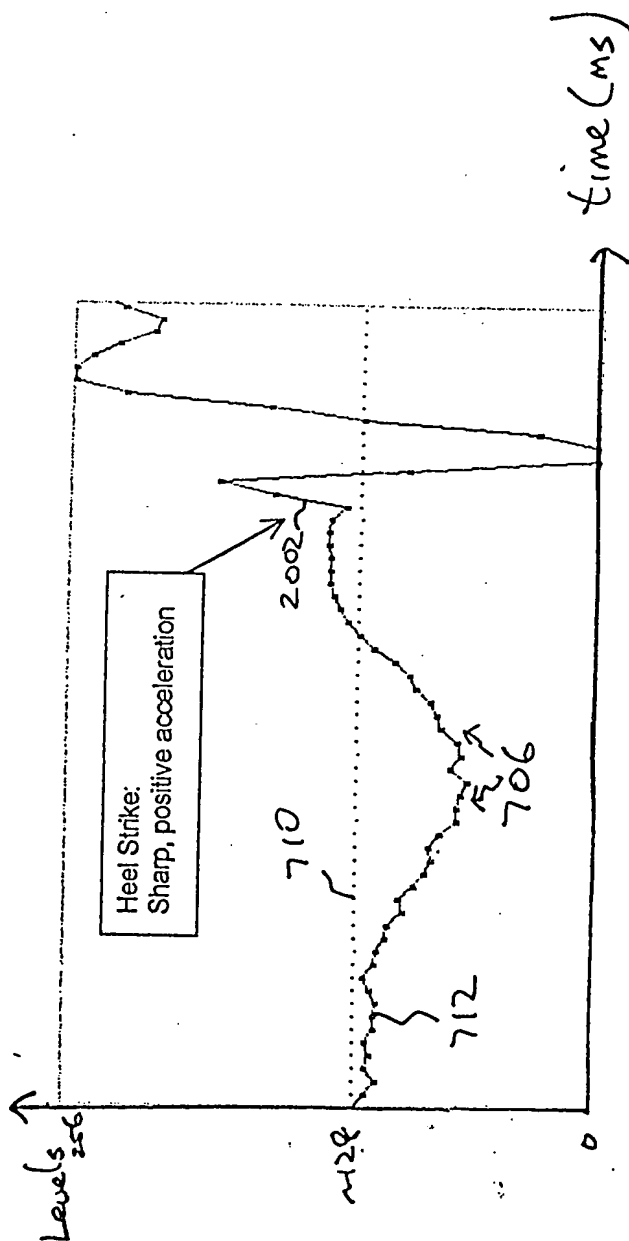


Fig. 20

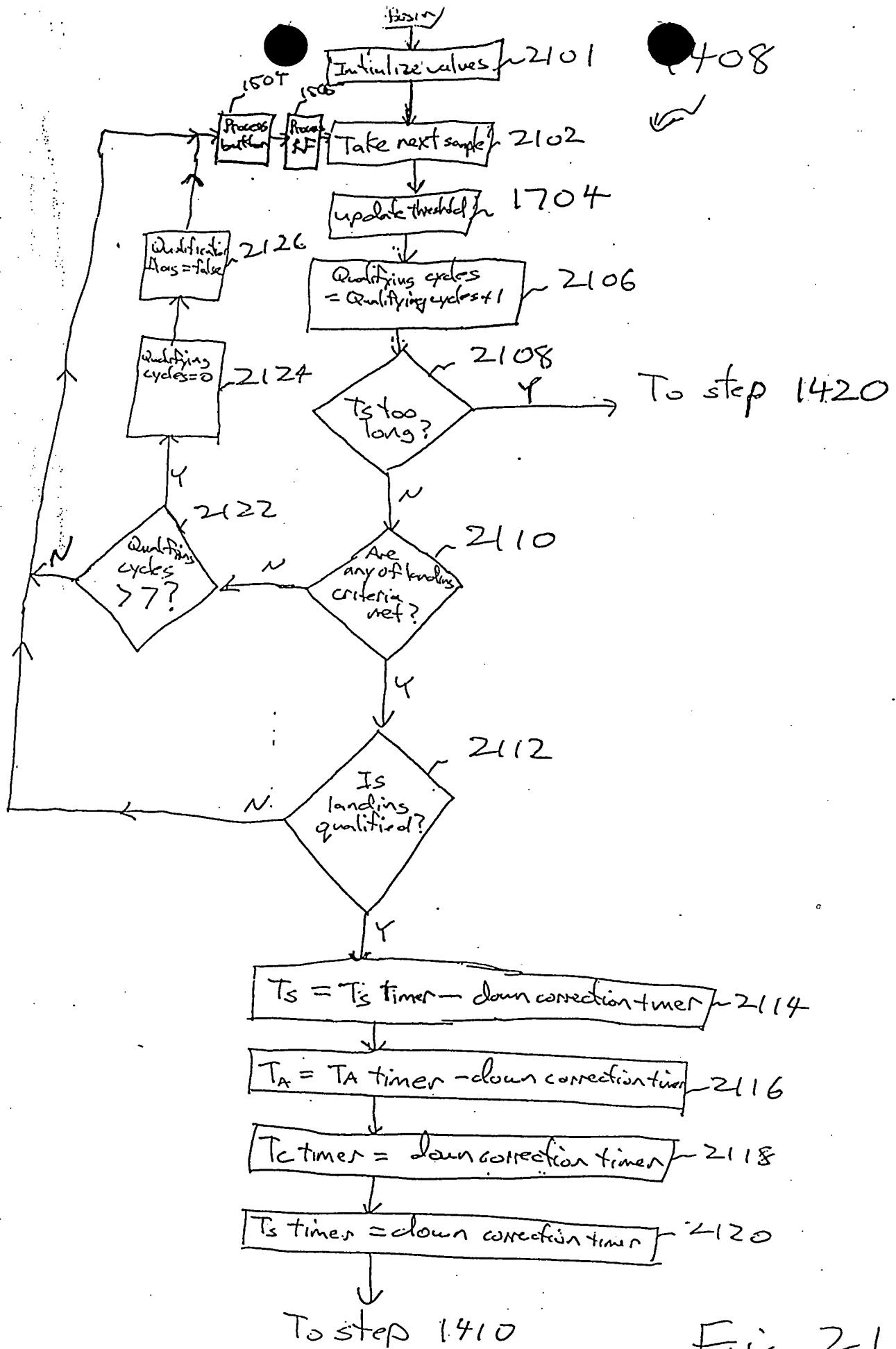


Fig. 21

001200 001200 001200

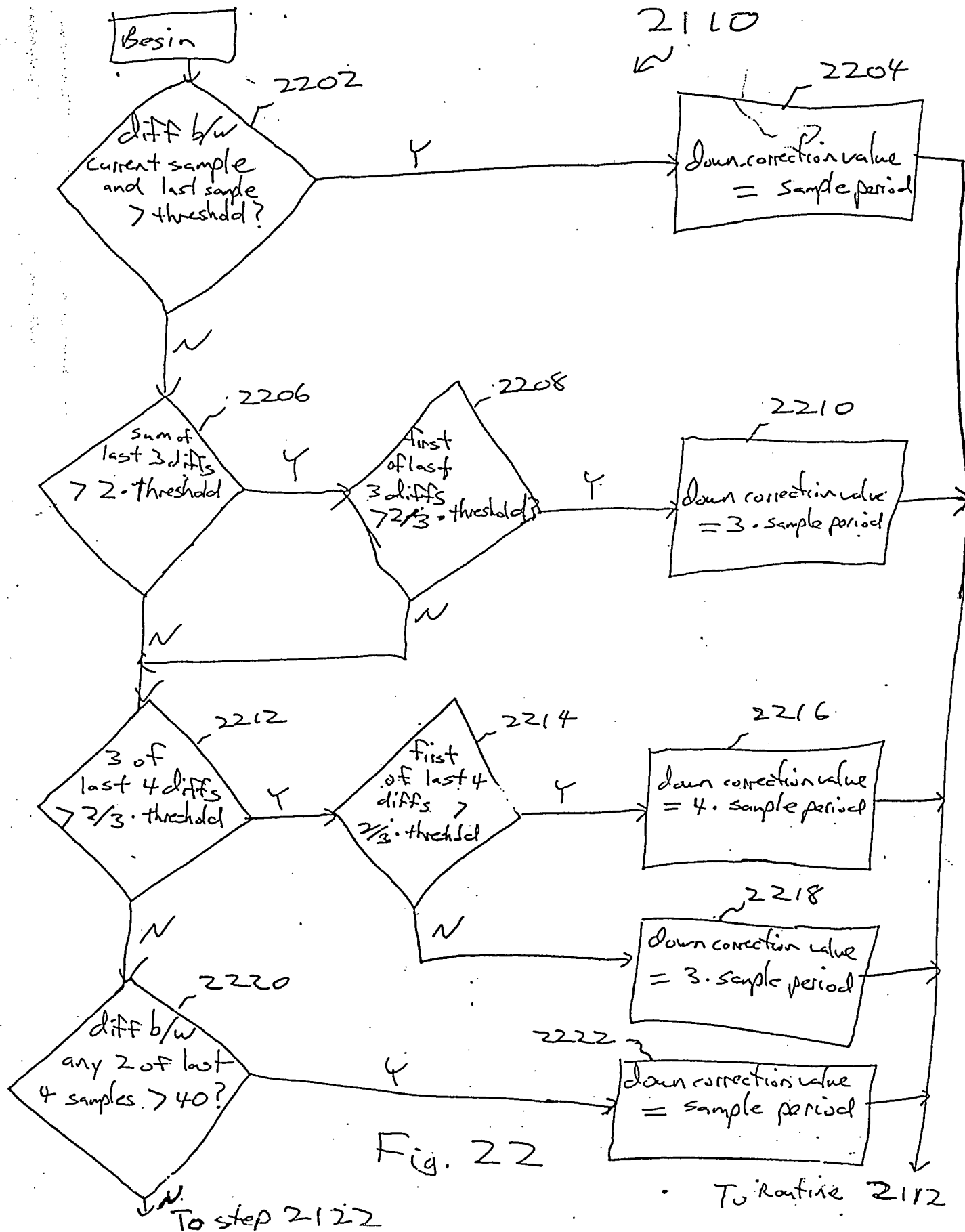


Fig. 22

To Routine 2112

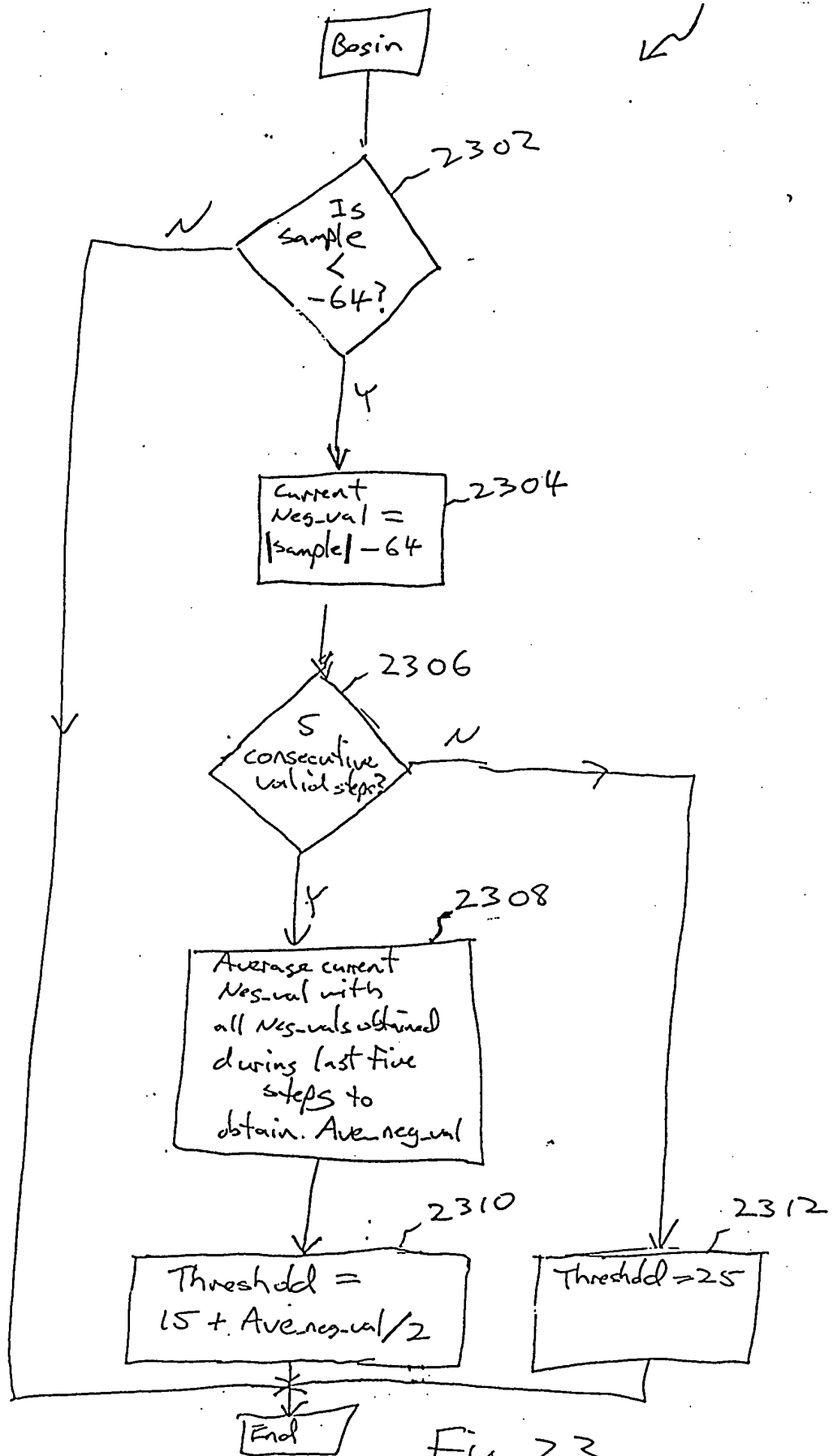


Fig. 23.

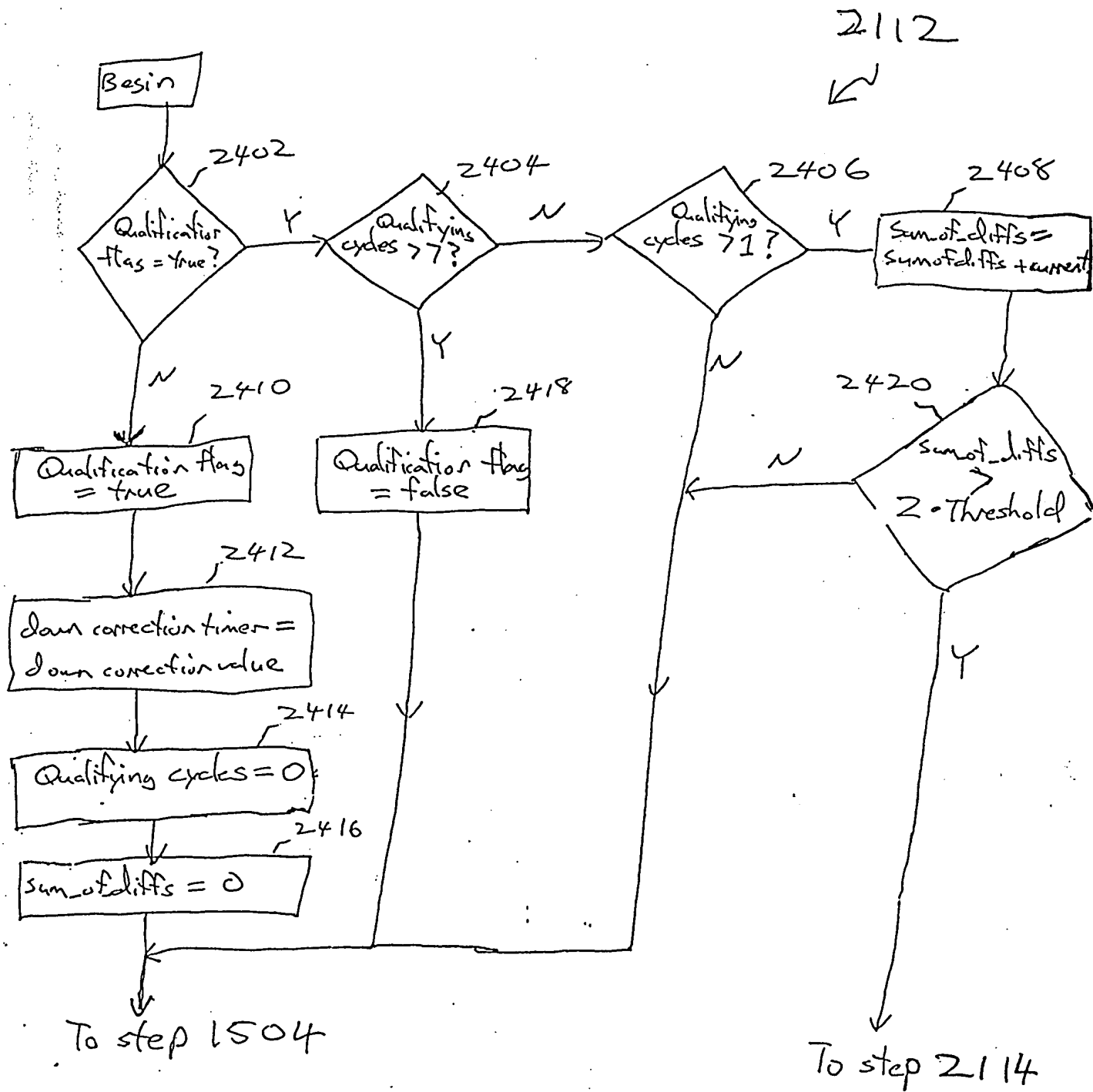


Fig. 24

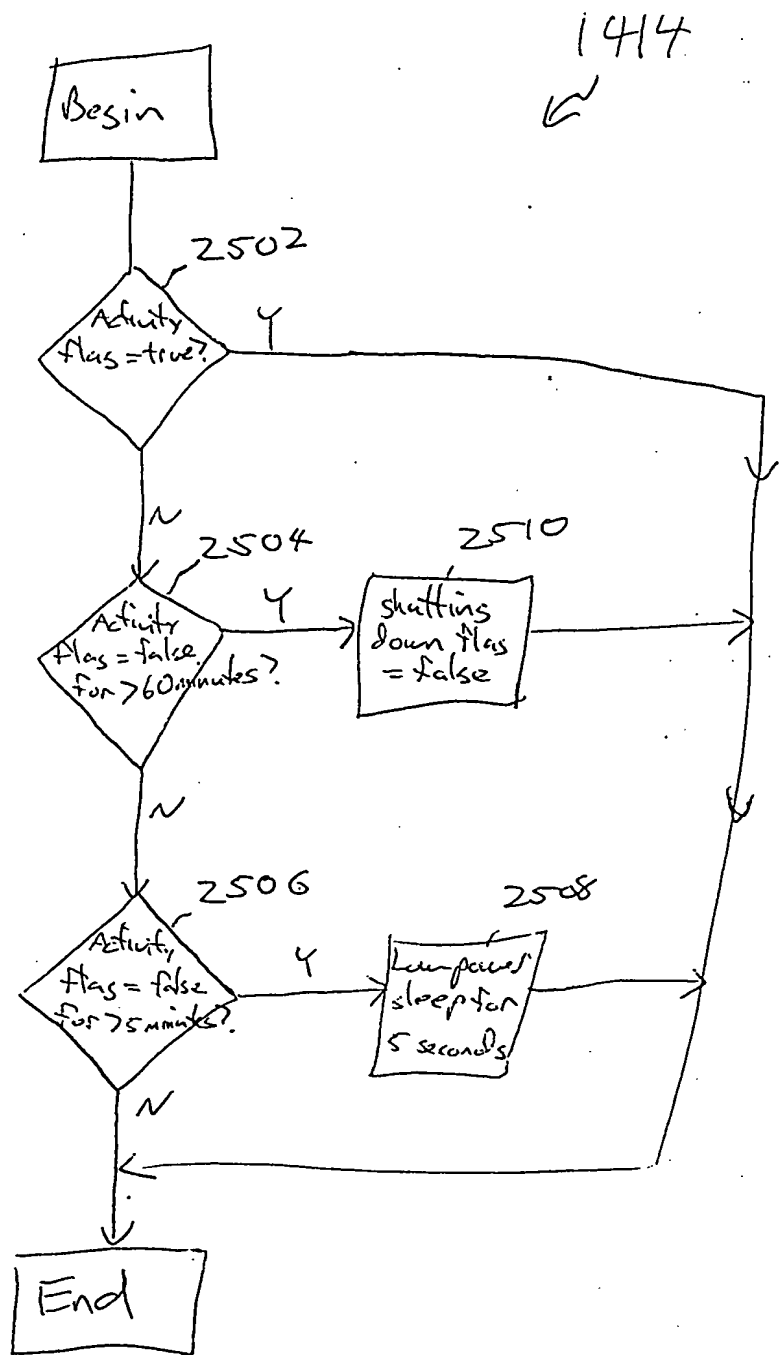


Fig. 25

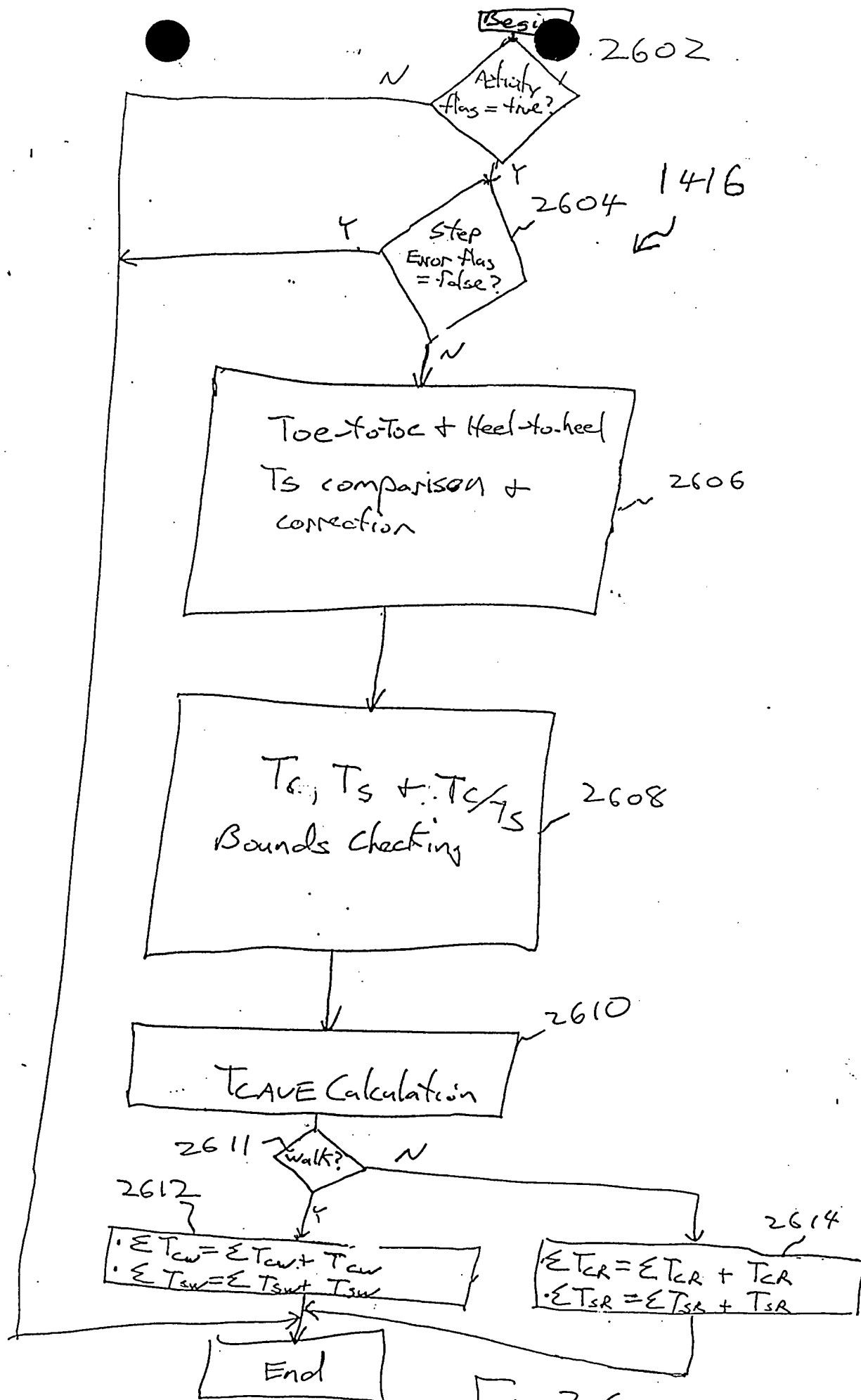


Fig. 26

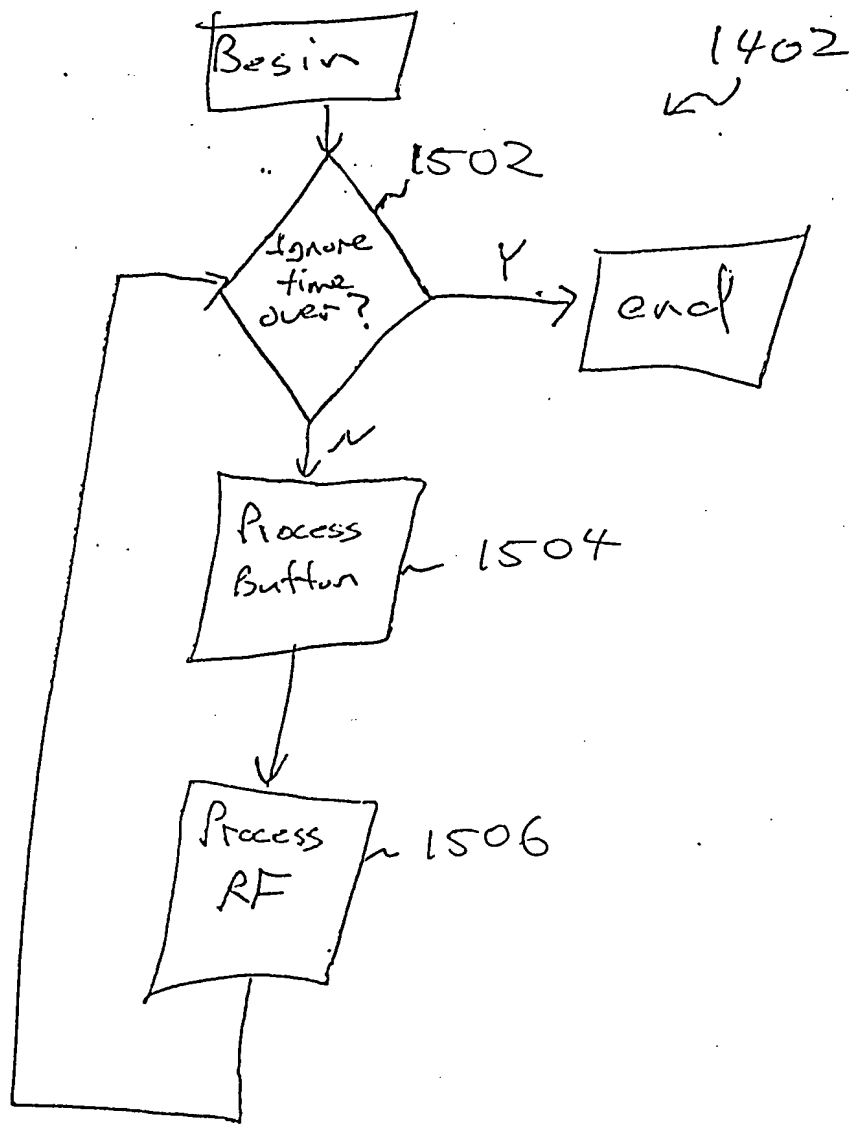


Fig. 15

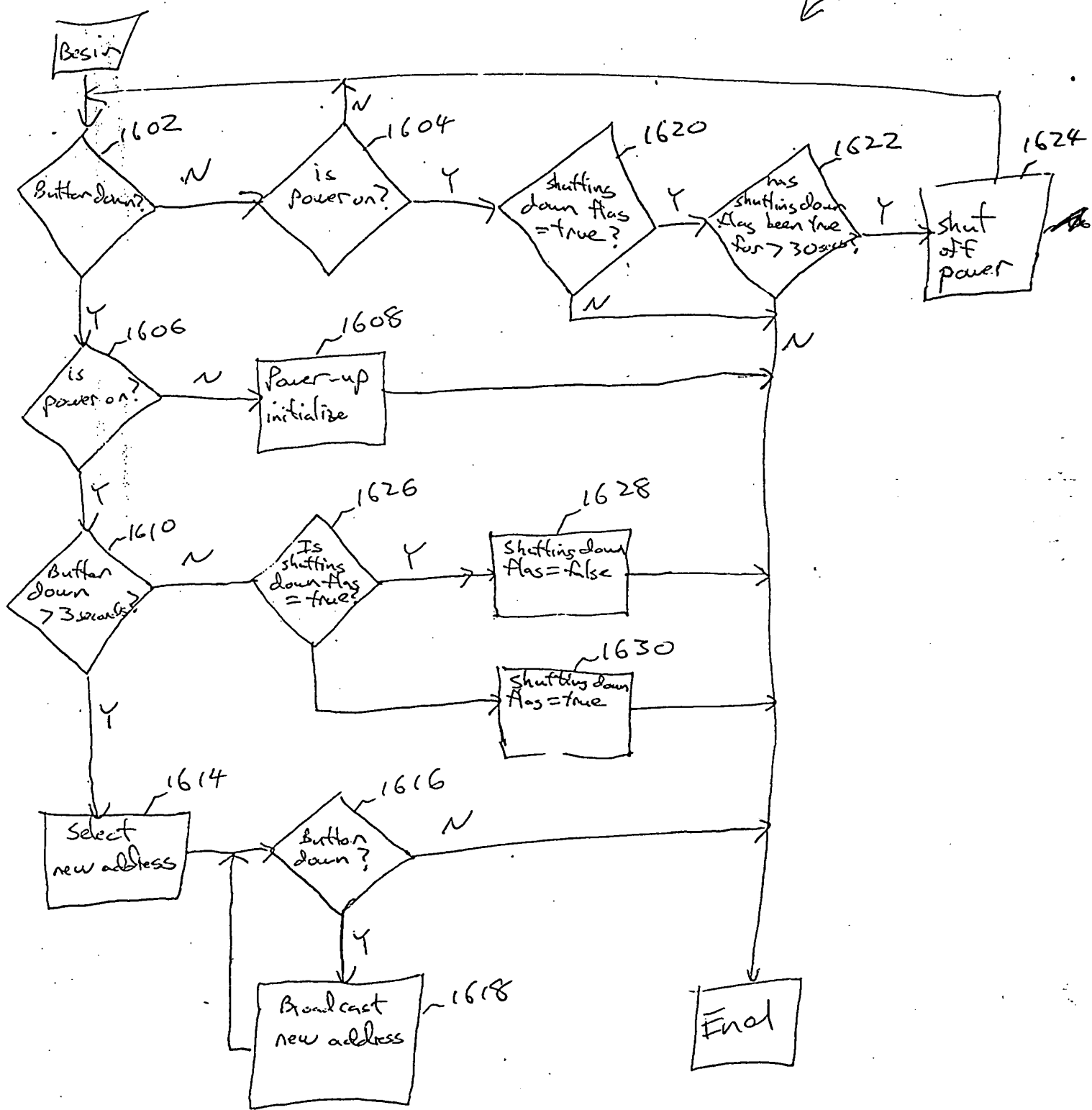


Fig. 16

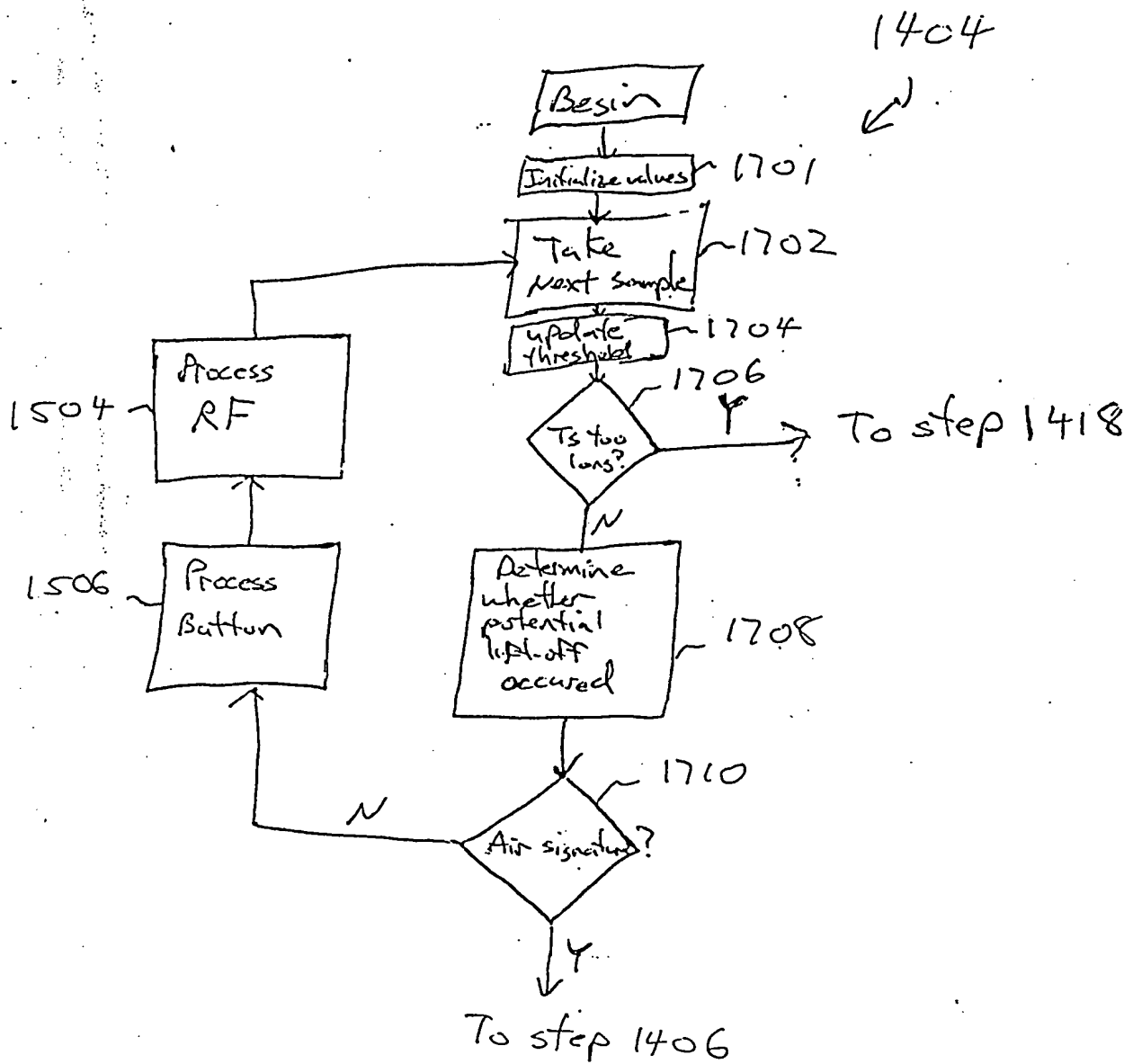


Fig. 17

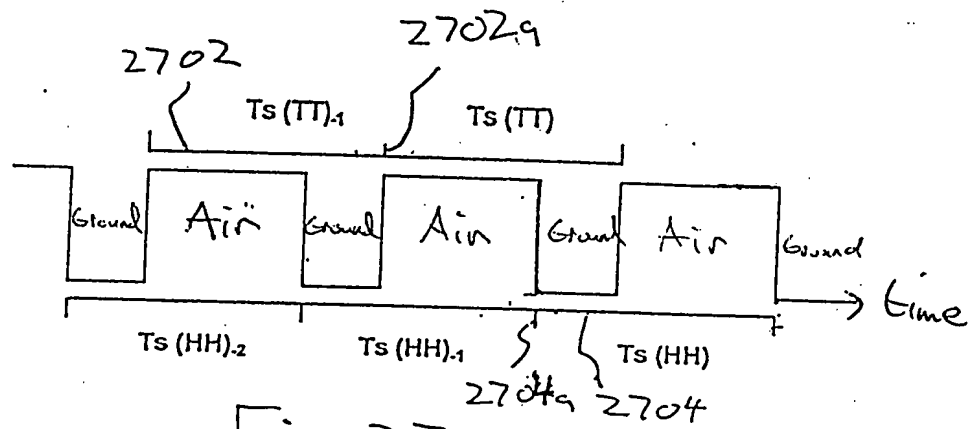


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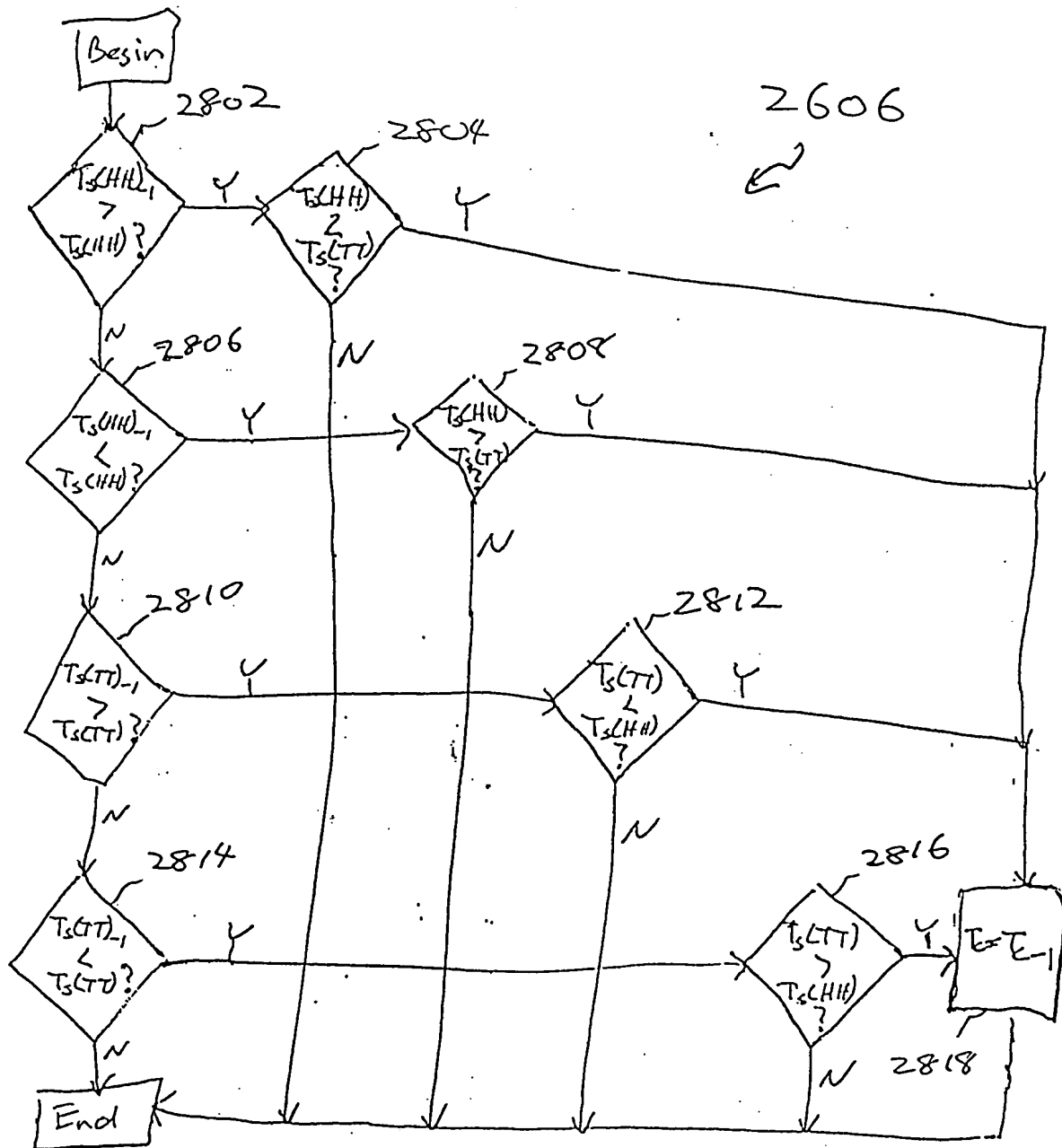


Fig. 28

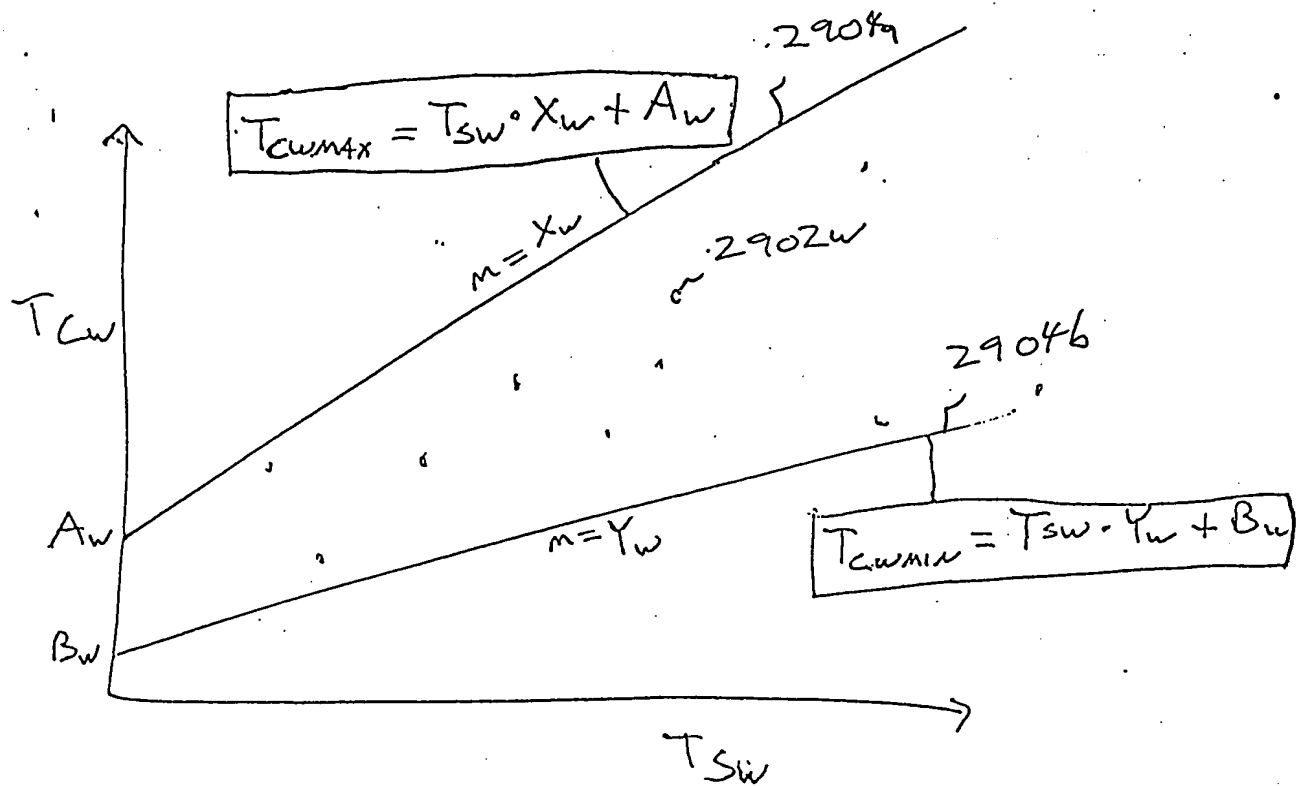


Fig. 29A

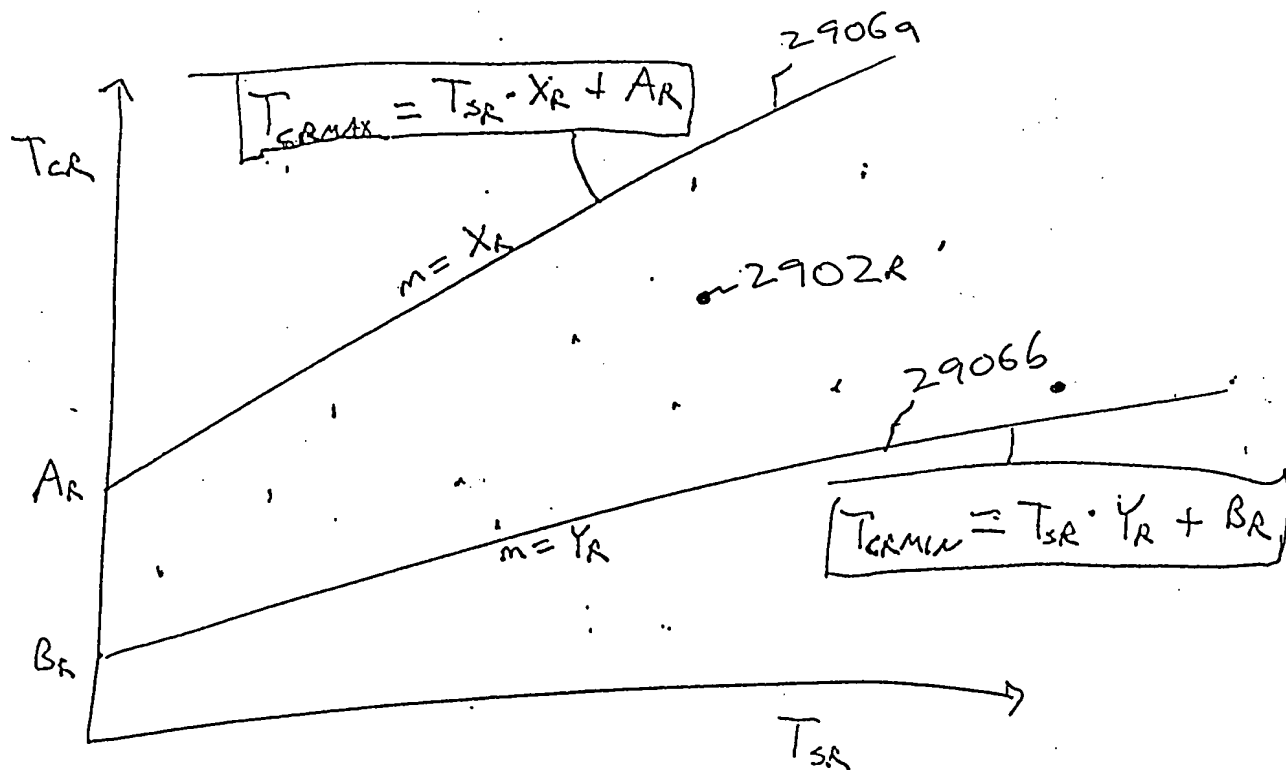


Fig. 29B

2608
N

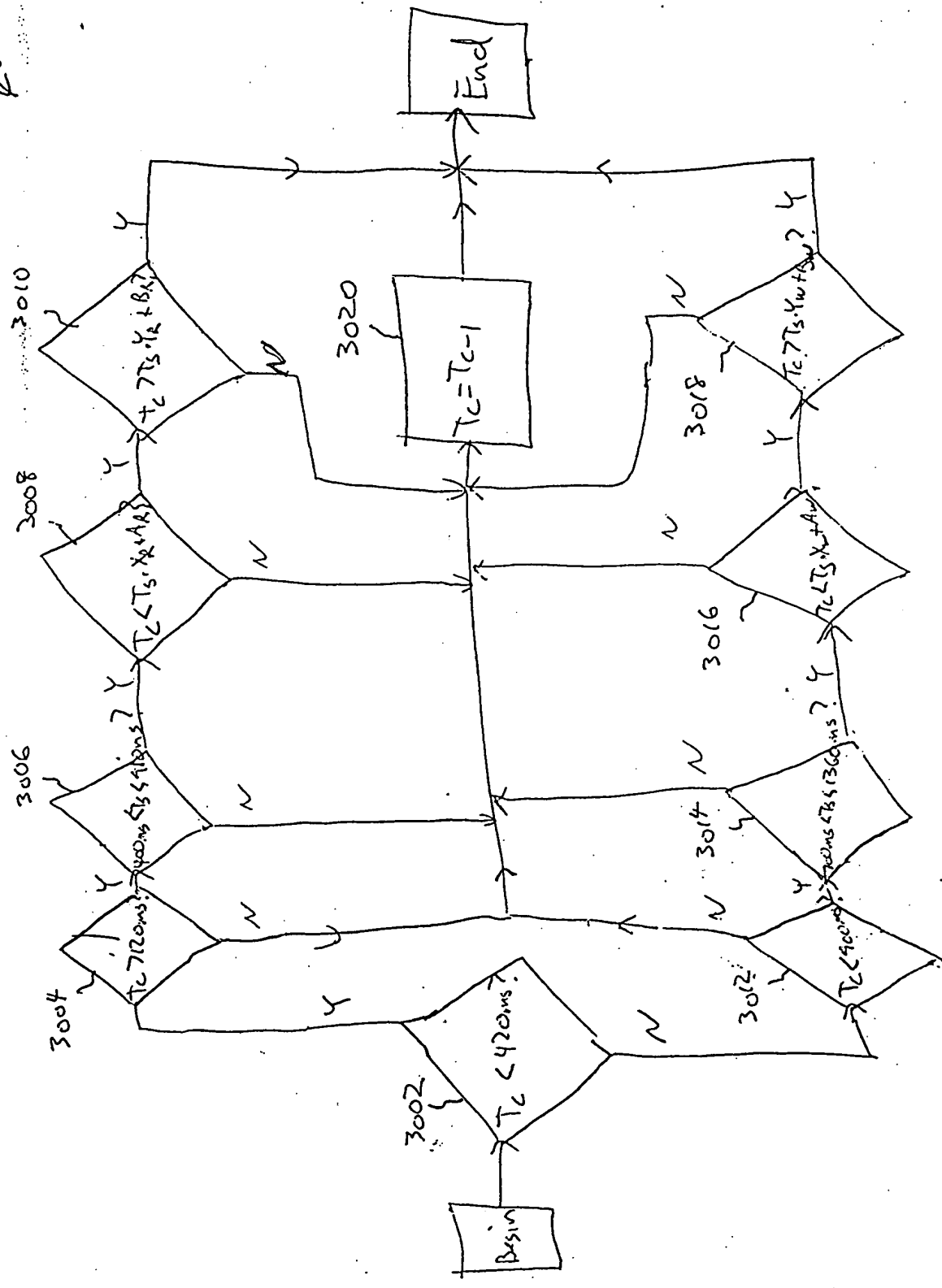


Fig. 30

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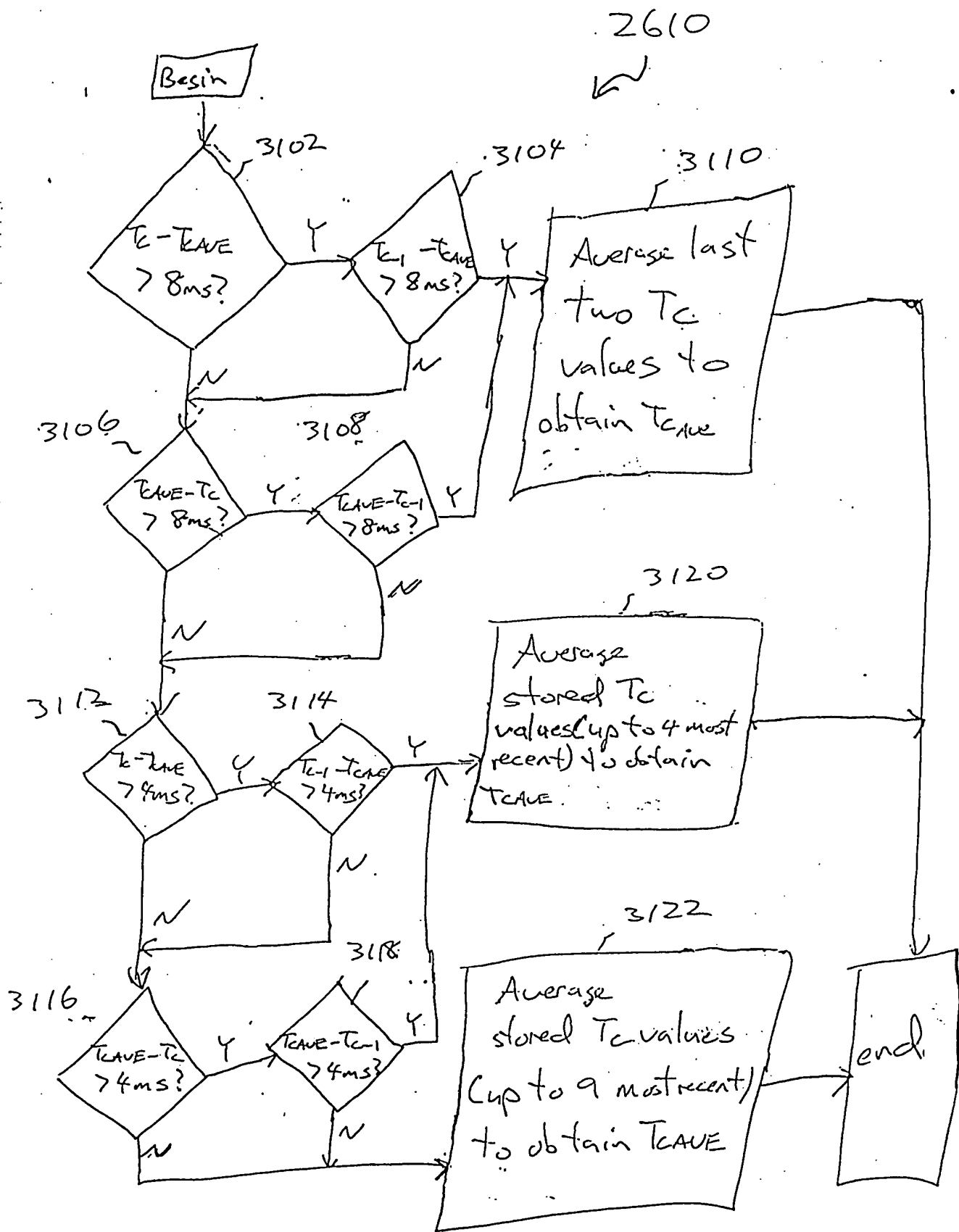


Fig. 31

Fig. 32A

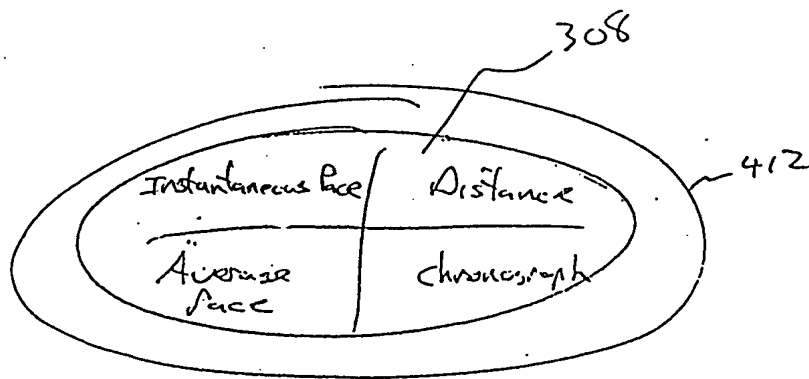


Fig. 32B

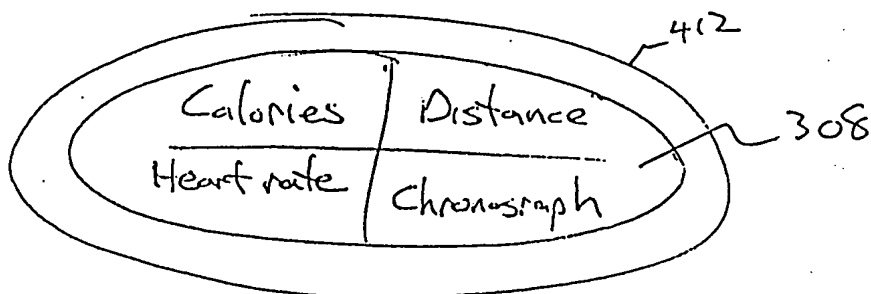


Fig. 32C

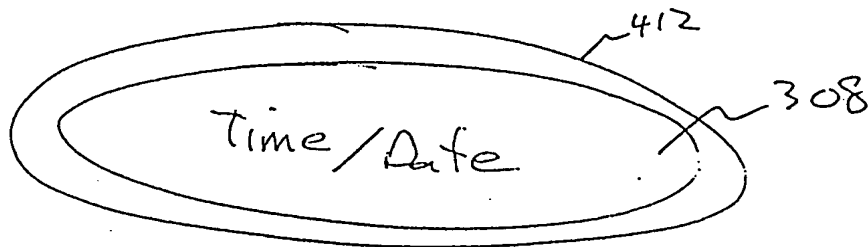


Fig. 32D

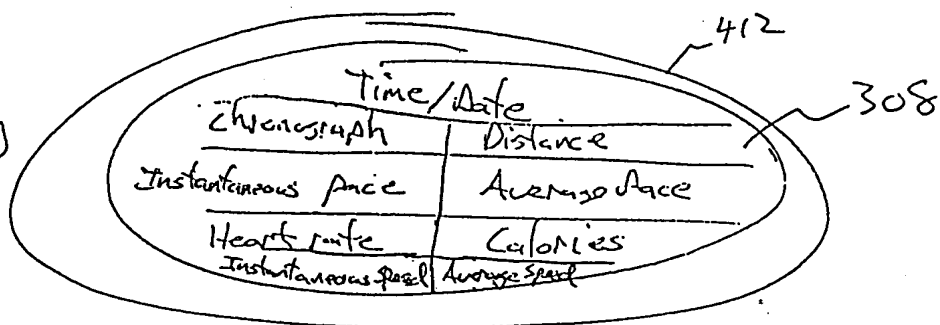


Fig. 32E

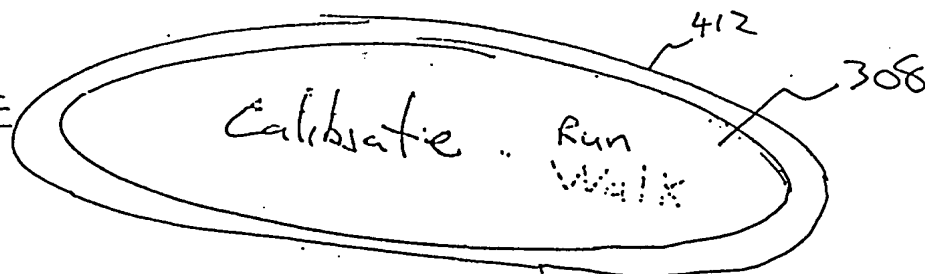


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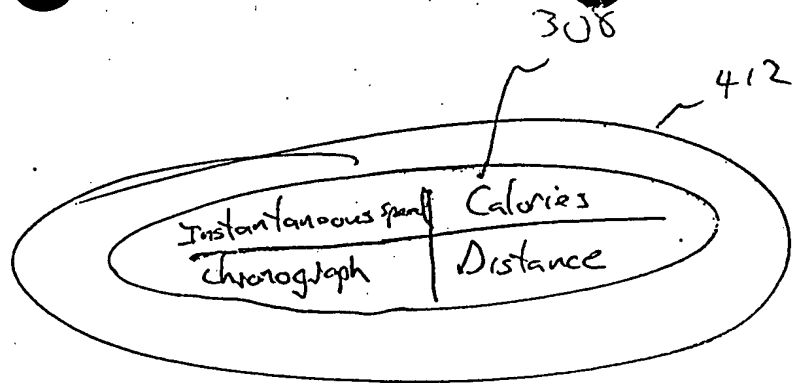


Fig. 32 G

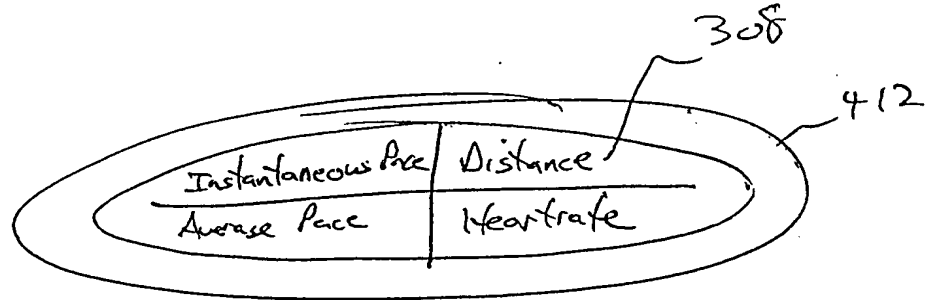
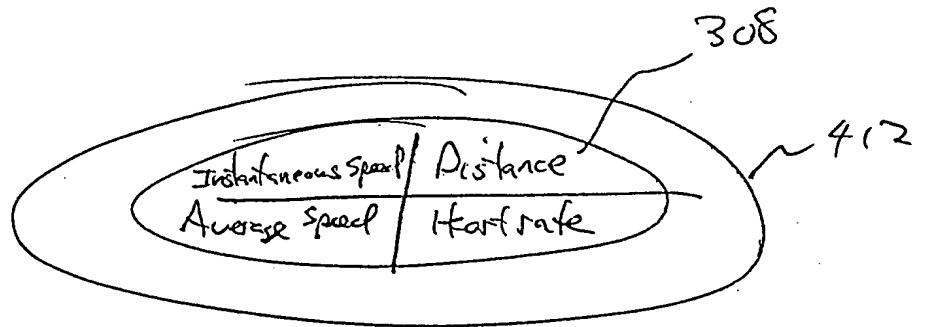


Fig. 32 H



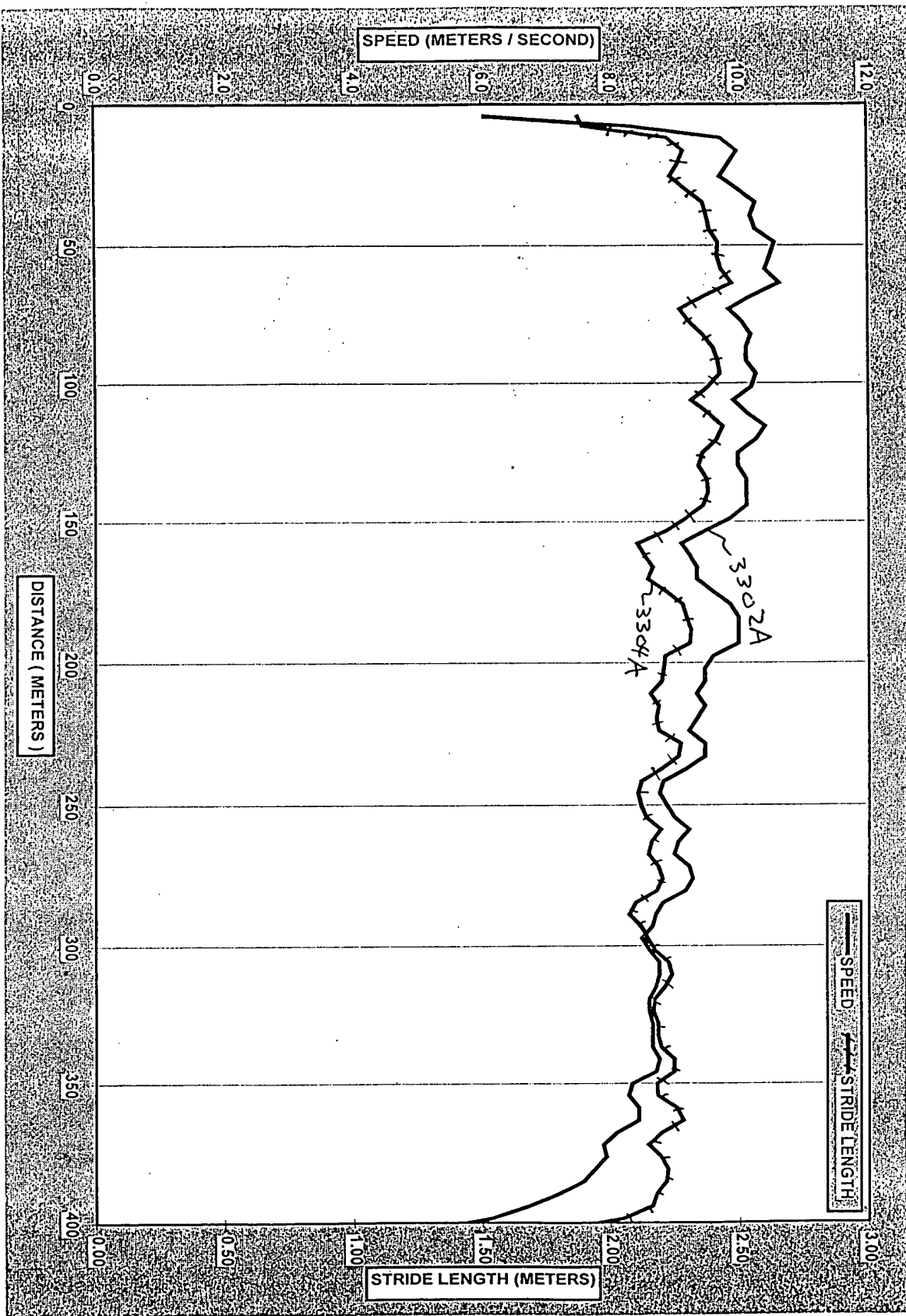


Fig. 33A

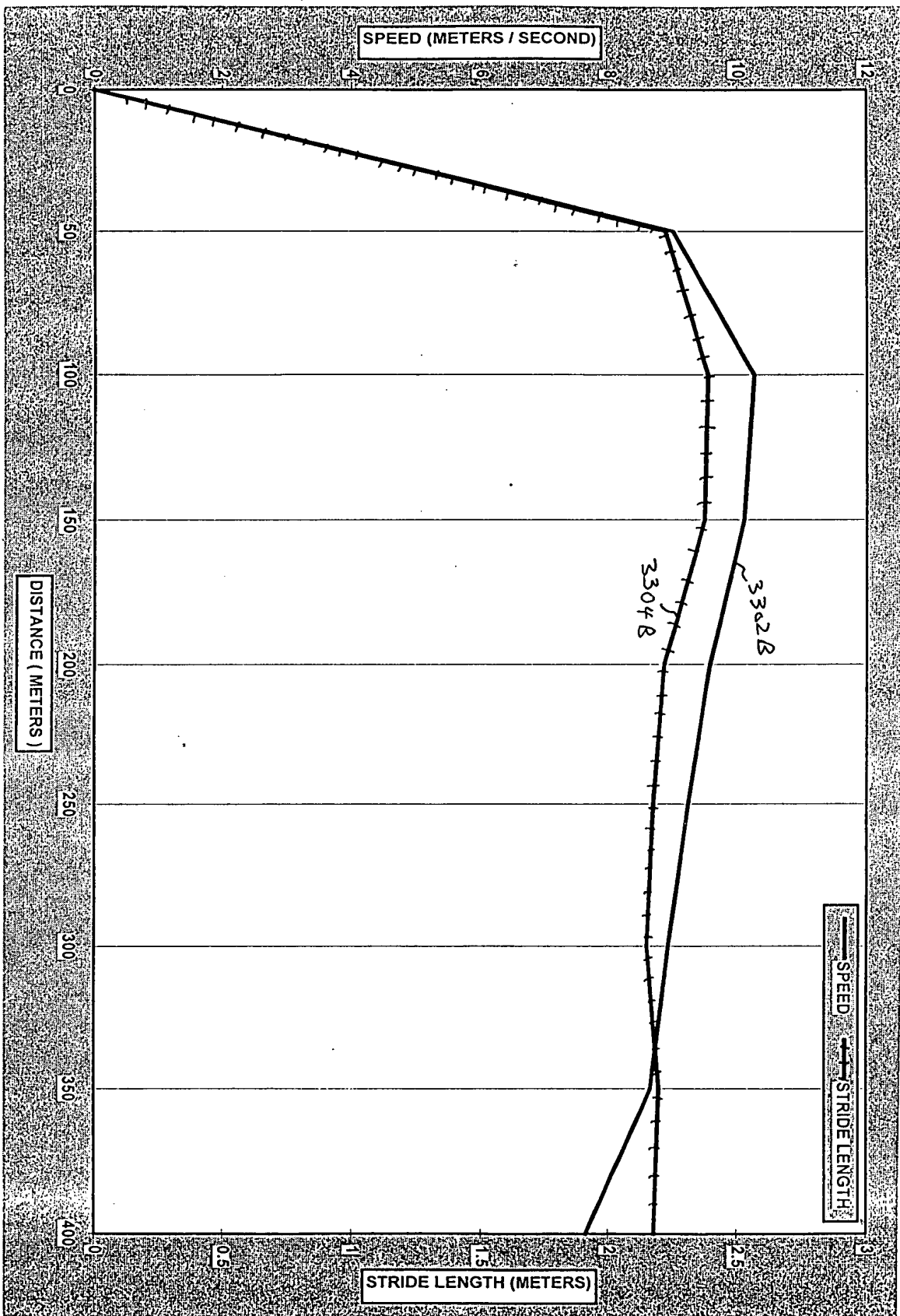


Fig. 338
8 NOV 55

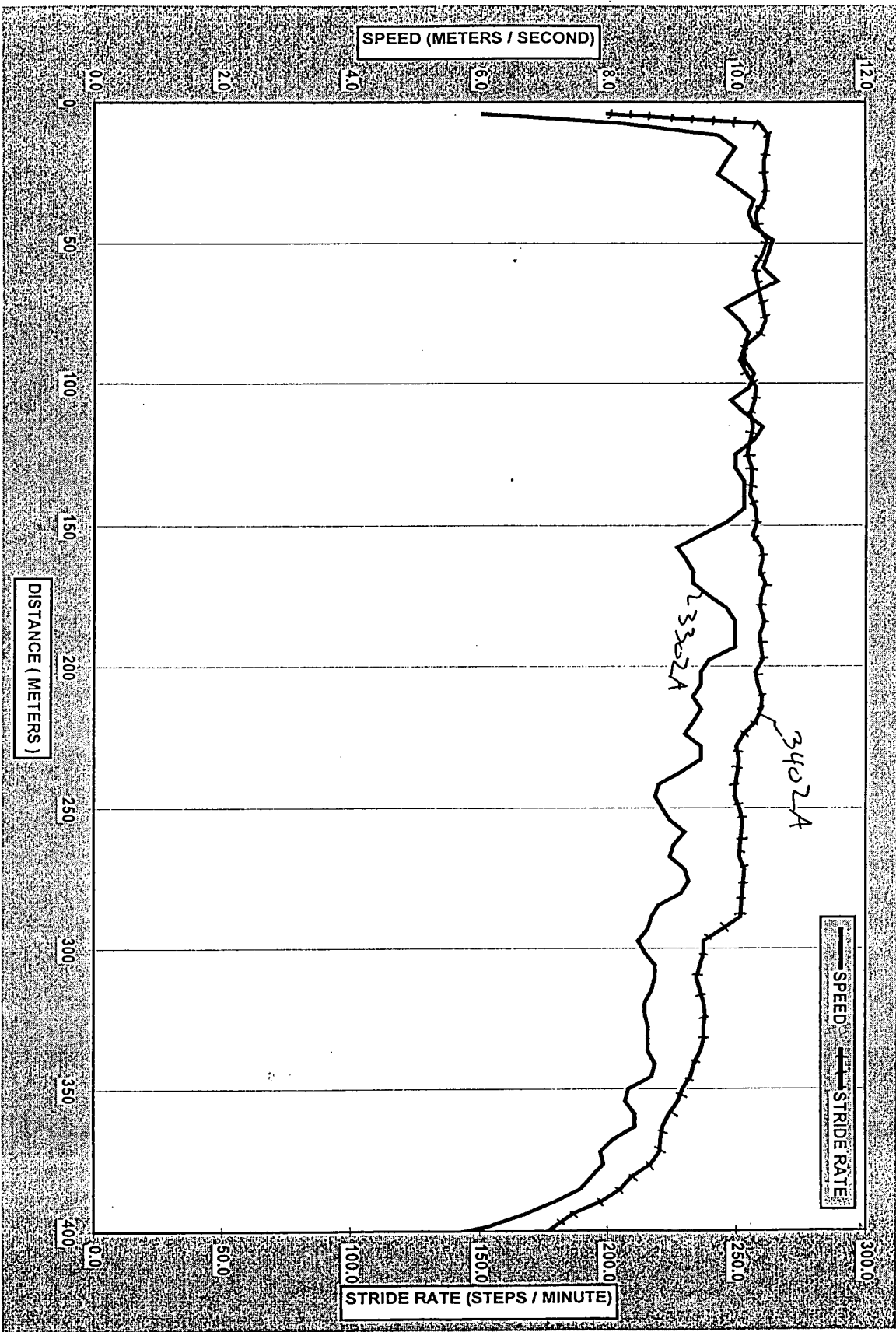


Fig. 34A

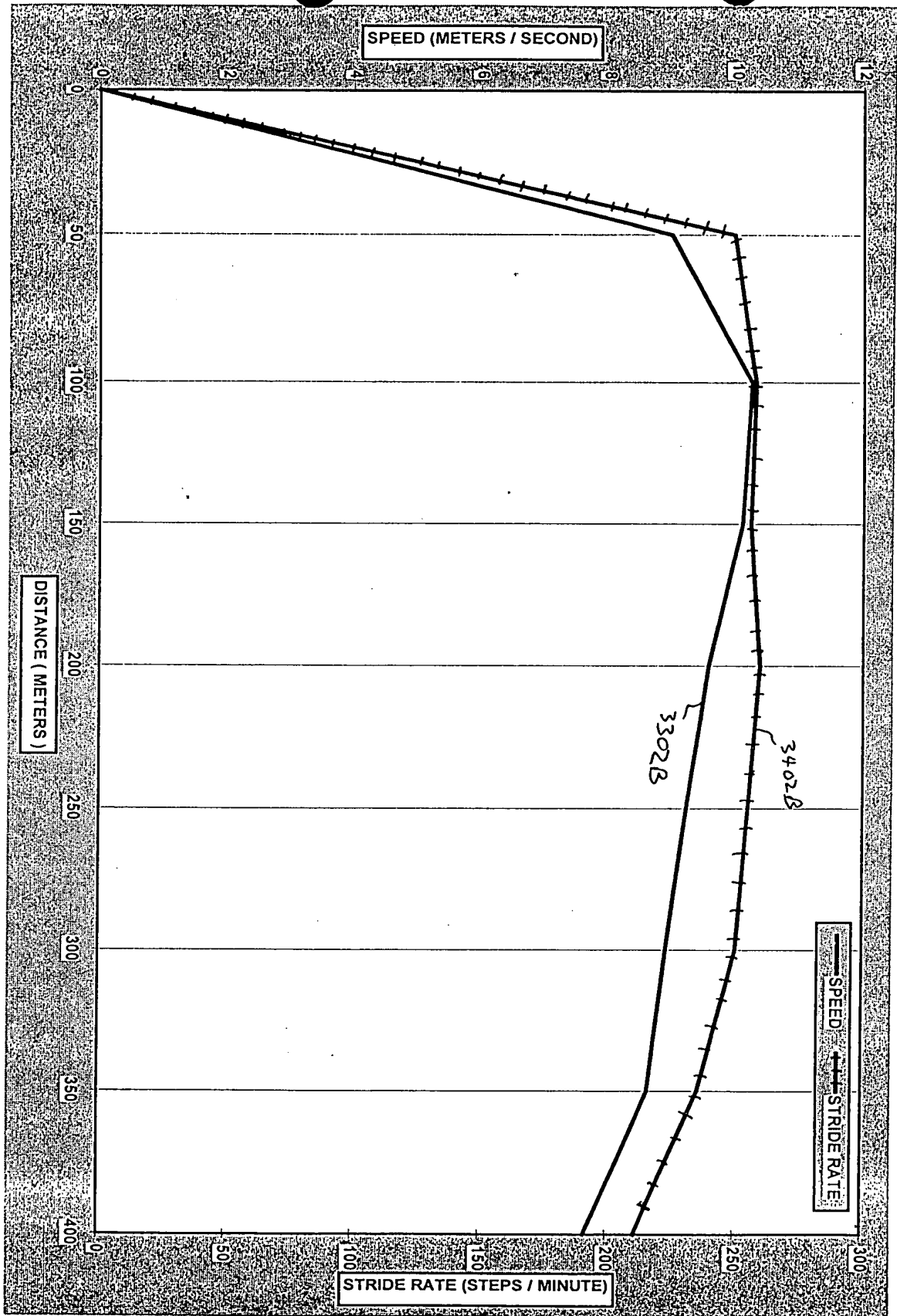


Fig. 348 8 NIDS

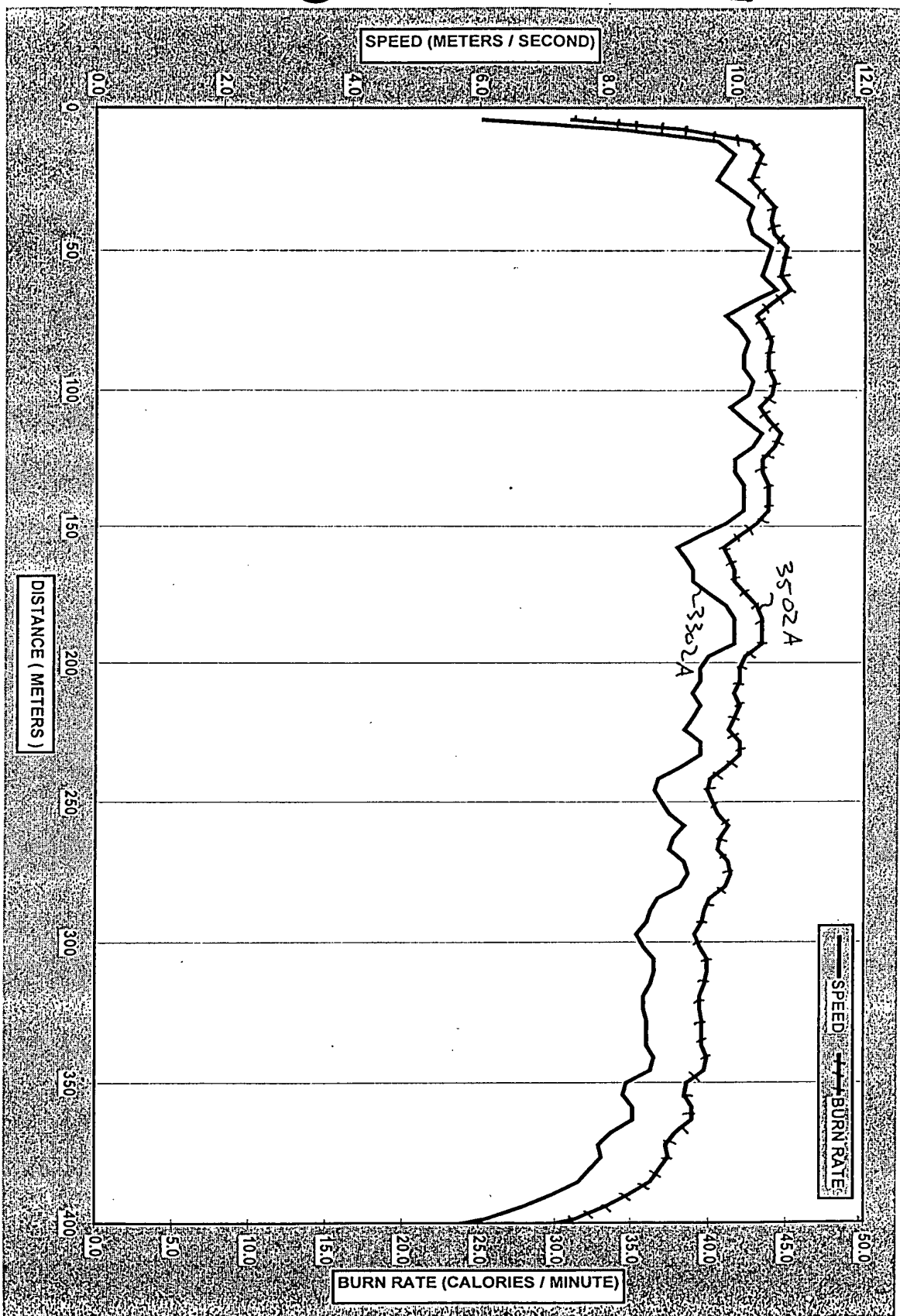


Fig. 354

8 NOV 68

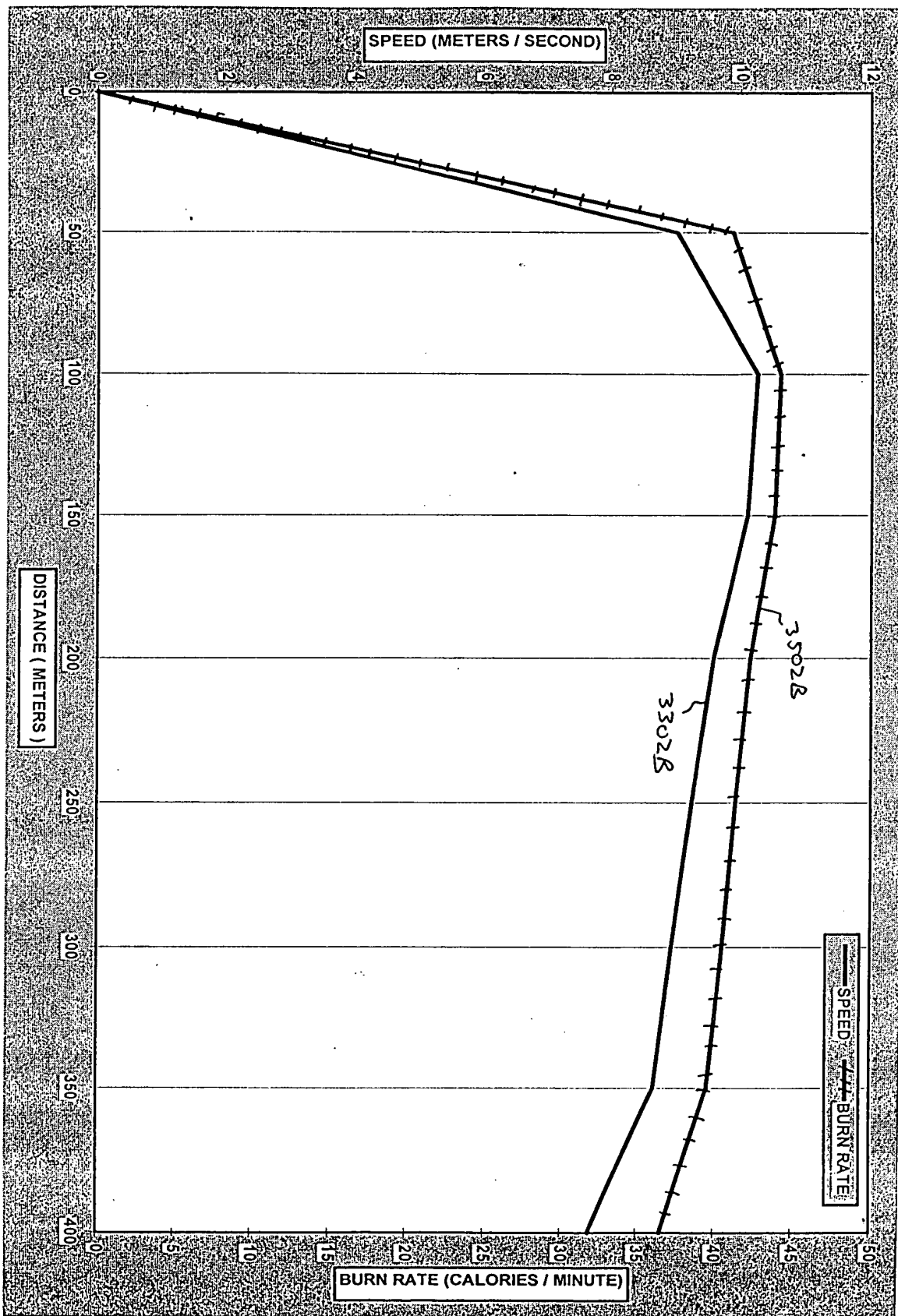


Fig. 358

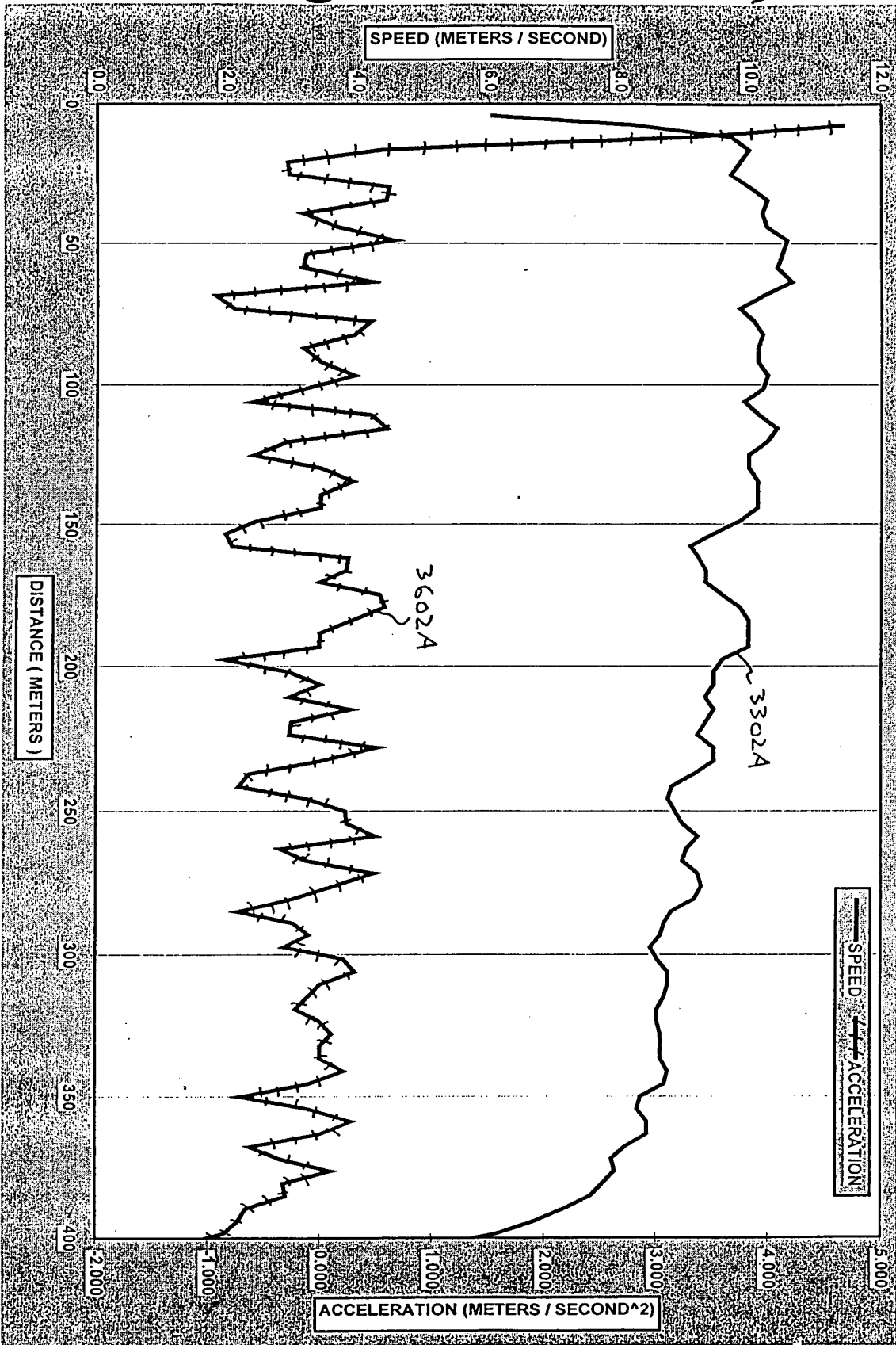


Fig. 364
8/11/03

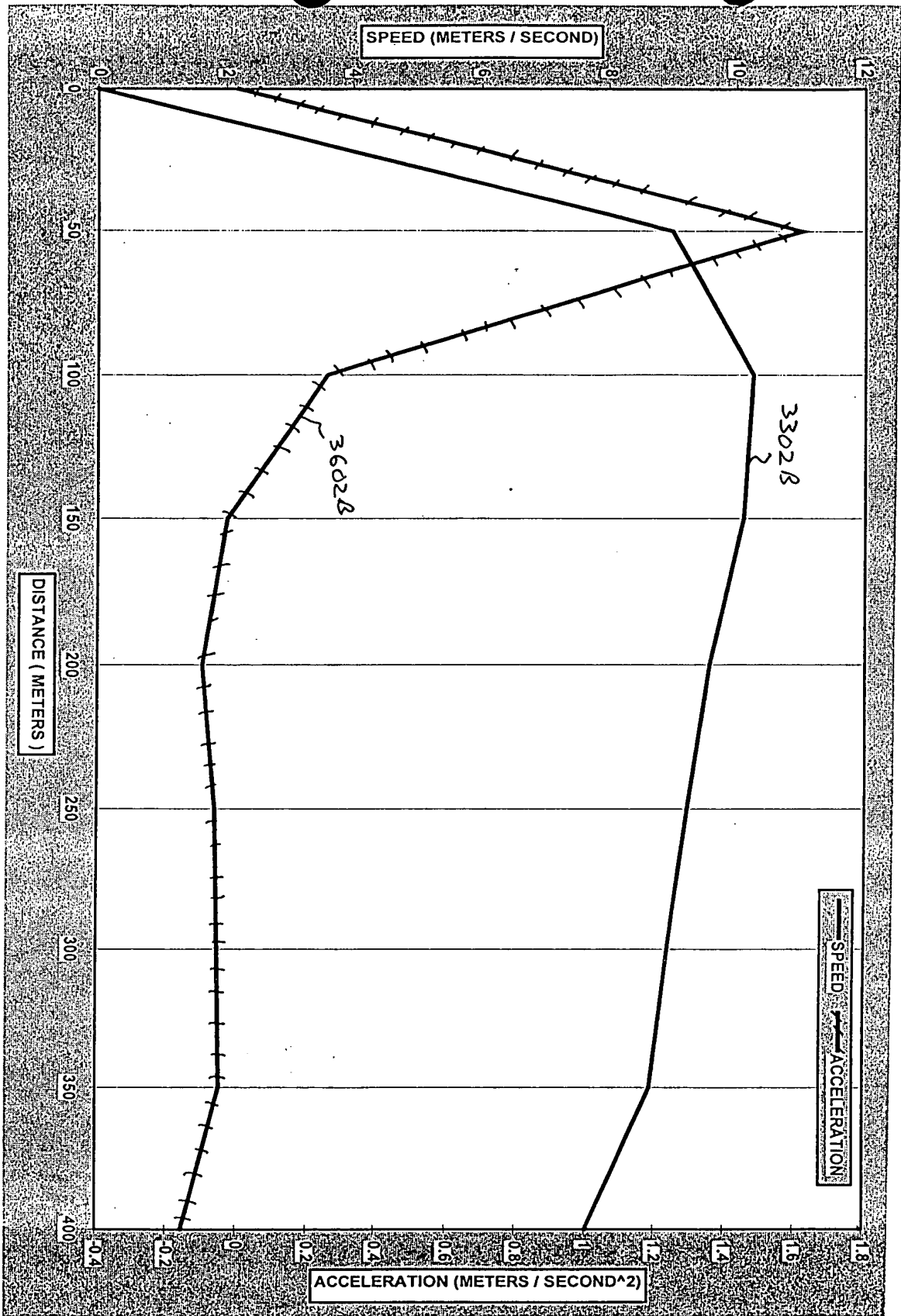


Fig. 368

| SPLITS | | | | | | | | | | | |
|----------|-----------|------------|-----------------|---------------|-----------------------|-----------------------|---------------------|-------------------|----------------|-----------------|--------|
| Distance | Race Time | Split Time | Average Speed | Average Speed | Average Stride Length | Average Stride Length | Average Stride Rate | Average Burn Rate | Total Calories | Acceleration | |
| 0 meters | 0 seconds | 0 seconds | 0 meters/second | 0 MPH | 0 meters | 0 feet | 0 inches | 0 steps/minute | 0 Calories | 0 meters/second | |
| 50 | 5.6 | 5.6 | 9.0 | 20.1 | 2.22 | 7 | 3 | 249.5 | 41.1 | 3.7 | 1.621 |
| 100 | 10.4 | 4.9 | 10.3 | 22.9 | 2.39 | 7 | 9 | 257.9 | 44.2 | 7.3 | 0.257 |
| 150 | 15.4 | 4.9 | 10.1 | 22.6 | 2.37 | 7 | 9 | 256.1 | 43.9 | 10.9 | -0.030 |
| 200 | 20.6 | 5.2 | 9.6 | 21.4 | 2.22 | 7 | 3 | 259.7 | 42.3 | 14.6 | -0.100 |
| 250 | 26.0 | 5.4 | 9.2 | 20.7 | 2.18 | 7 | 1 | 255.1 | 41.3 | 18.3 | -0.063 |
| 300 | 31.6 | 5.6 | 8.9 | 20.0 | 2.15 | 7 | 0 | 250.4 | 40.5 | 22.1 | -0.054 |
| 350 | 37.4 | 5.8 | 8.7 | 19.4 | 2.20 | 7 | 2 | 236.1 | 39.6 | 25.9 | -0.048 |
| 400 | 43.9 | 6.5 | 7.6 | 17.1 | 2.18 | 7 | 1 | 211.1 | 36.5 | 29.9 | -0.155 |

Fig. 37

Pace Vs. Ts (walking)

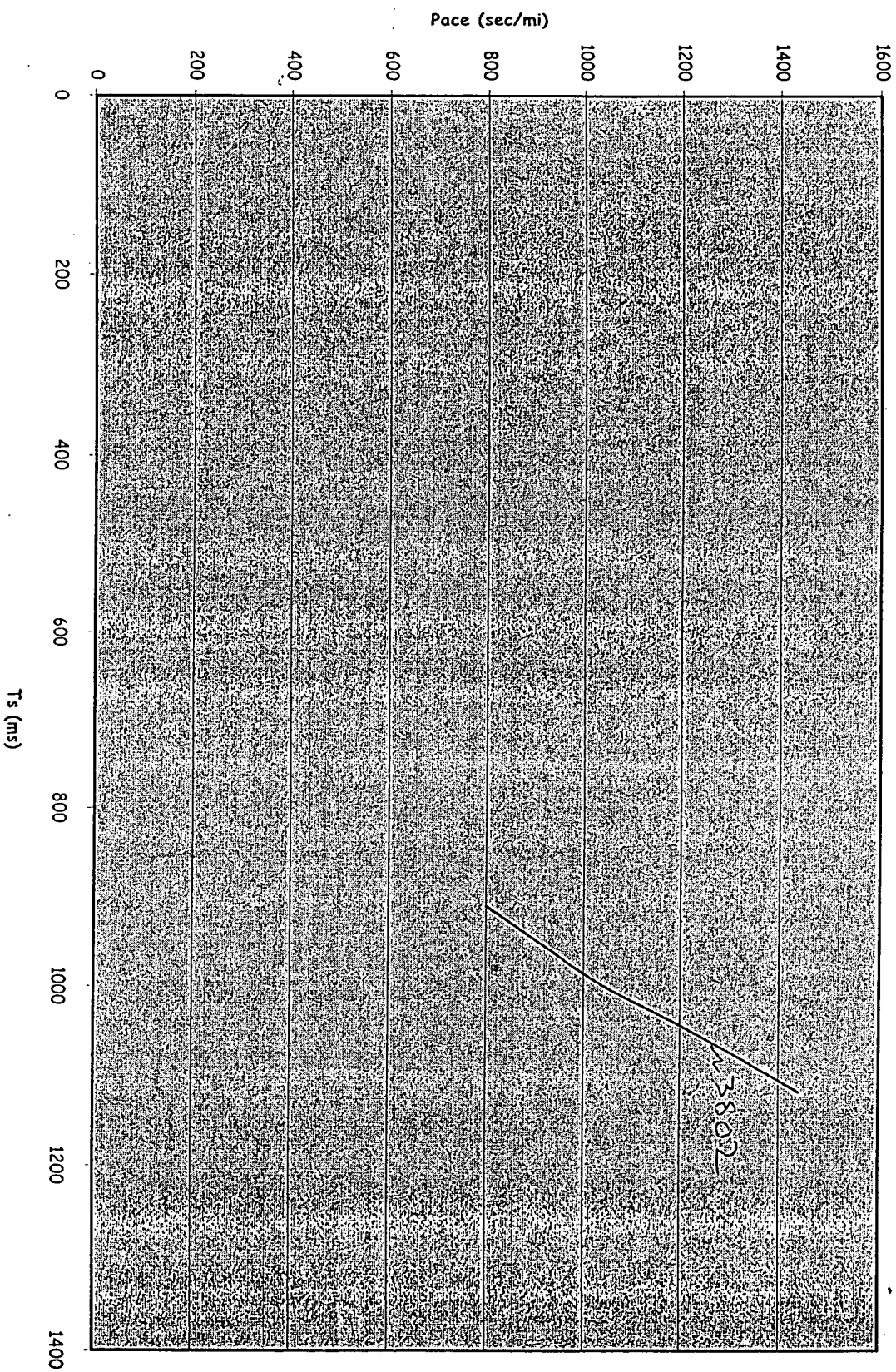
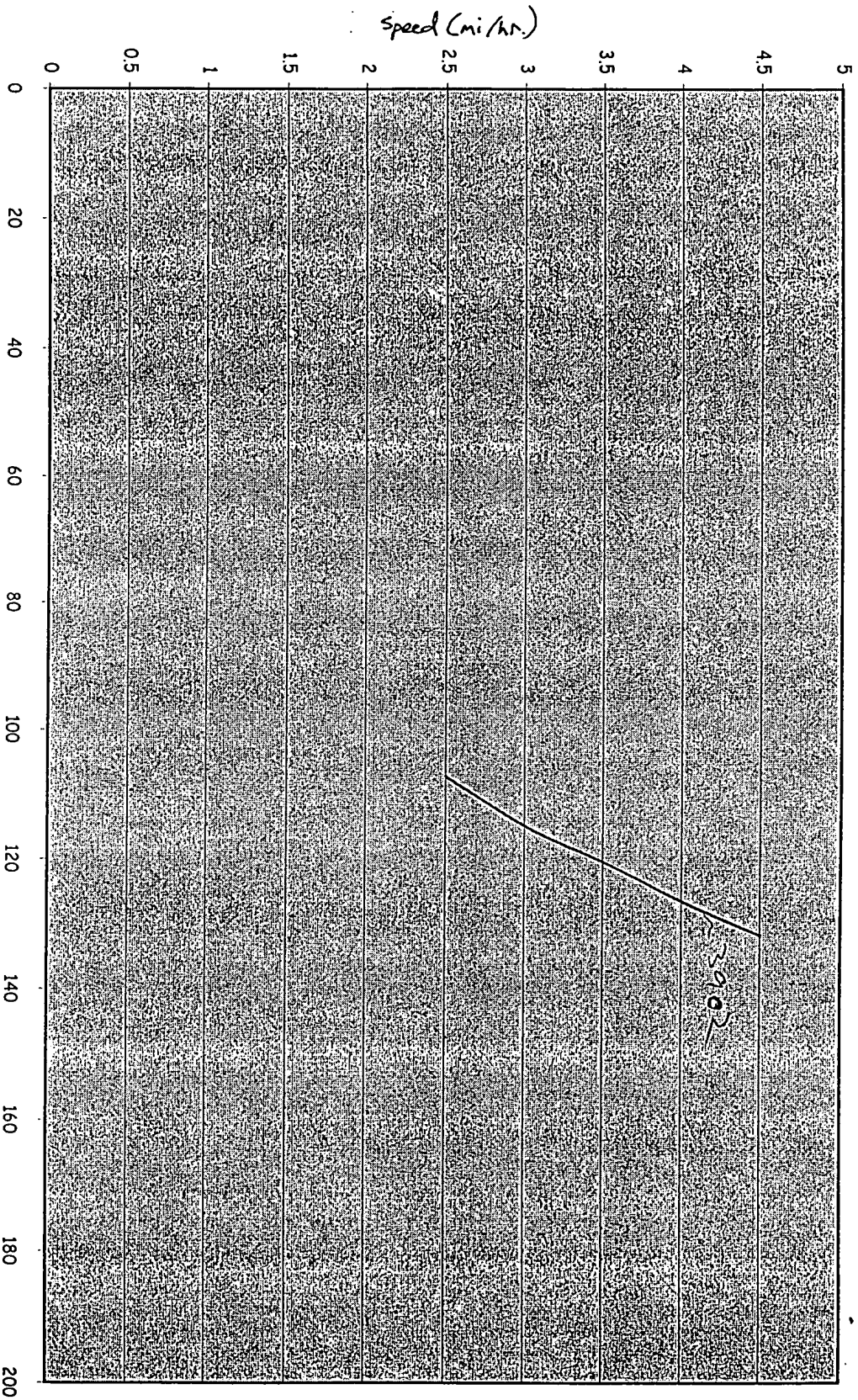


Fig. 38

Speed vs. V_T (walking)



V_T (cm/s)

Fig. 39

8 NWDs

| Speed (mph) | Pace (Seconds/Mile) | Tc (ms) | Ts (ms) | Average | | Steps Per Mile | Stress Per 1/10 Mile (lbs) | Steps Per Minute | Stress Per Minute (lbs) |
|----------------|------------------------|------------|------------|-----------------------|--|-------------------|-------------------------------|---------------------|----------------------------|
| | | | | Ground Force (lbs) | | | | | |
| 5 | 720 | 302 | 730 | 181 | | 986 | 17881 | 82 | 14901 |
| 6 | 600 | 270 | 702 | 195 | | 855 | 16667 | 85 | 16667 |
| 7 | 514 | 254 | 676 | 200 | | 760 | 15177 | 89 | 17717 |
| 8 | 450 | 234 | 652 | 209 | | 690 | 14423 | 92 | 19231 |
| 9 | 400 | 214 | 638 | 224 | | 627 | 14019 | 94 | 21028 |
| 10 | 360 | 204 | 618 | 227 | | 583 | 13235 | 97 | 22059 |
| 11 | 327 | 190 | 600 | 237 | | 545 | 12908 | 100 | 23684 |

Fig. 40

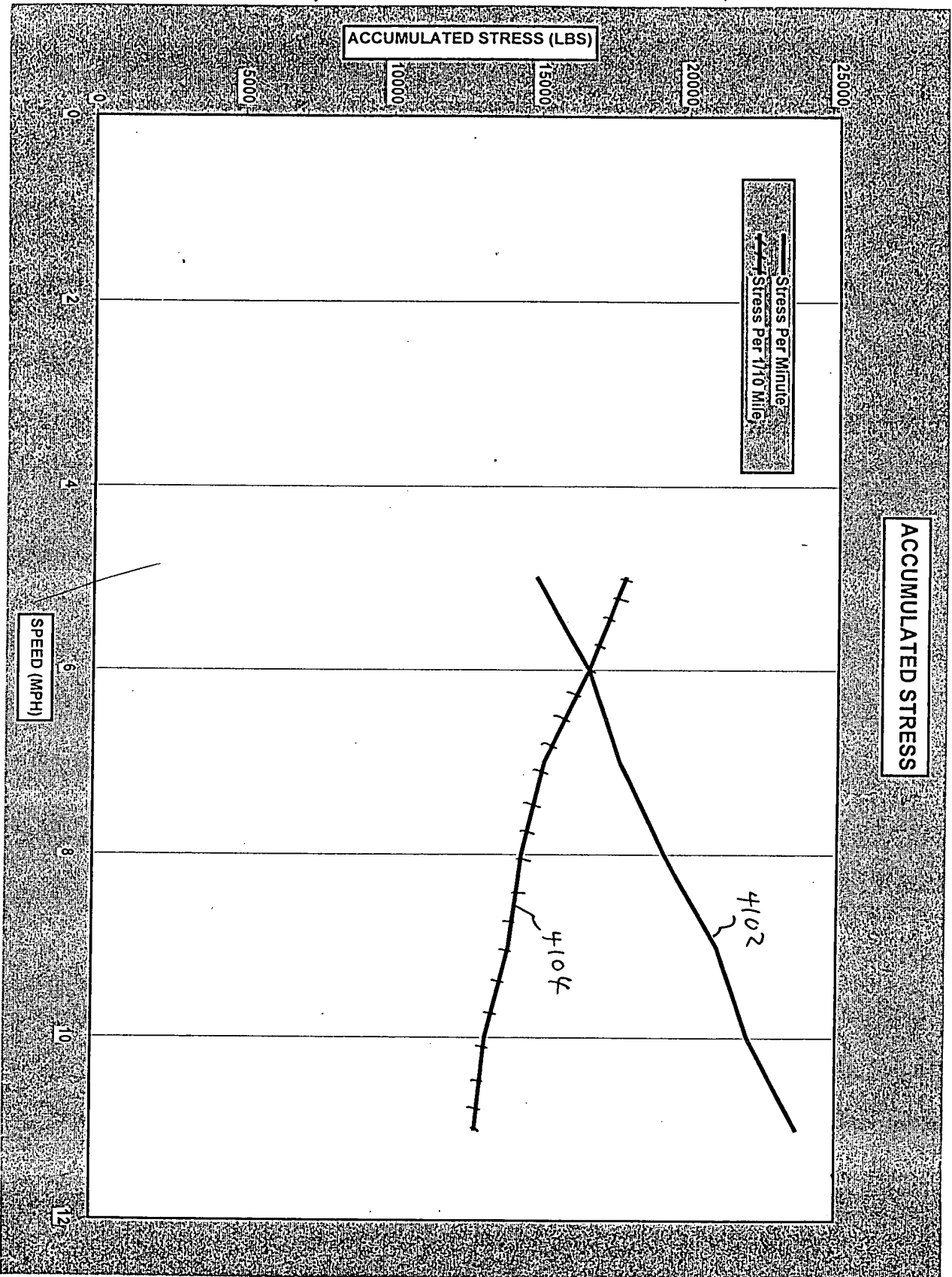


Fig. 41
8 MPDS

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